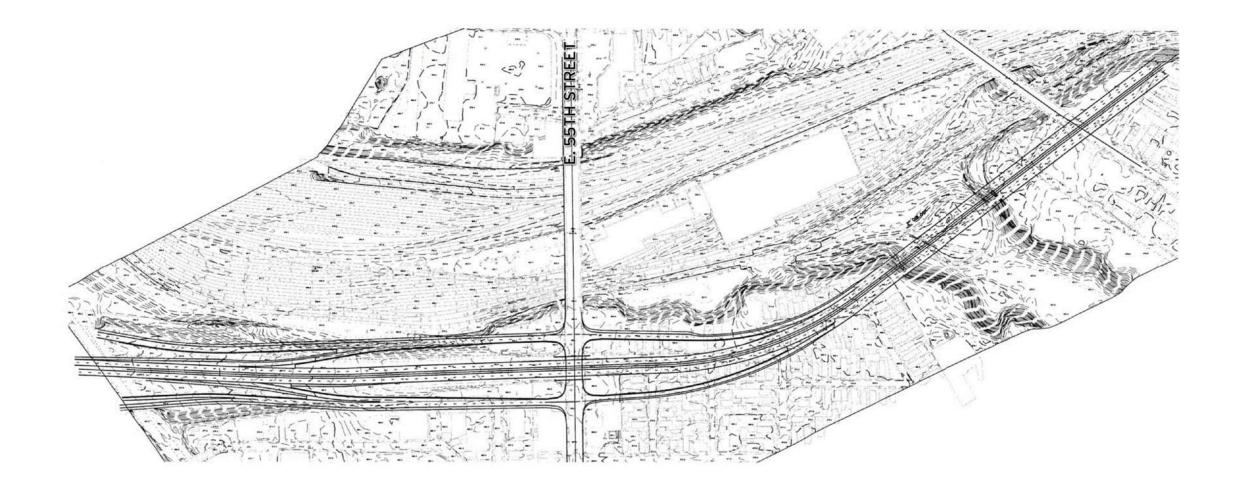
# Appendix A Figures

igure 2-3	I-490/E. 55 <sup>th</sup> Grade Separation Options
igure 2-5	Conceptual Alternates by Geographic Section
igure 2-6	Bridge Configurations by Geographic Section
igure 3-1	Lane Use by Geographic Section
igure 3-4	Impacted Parcels and Building Takes by Geographic Section
igure 3-6	Community Facilities & Resources
igure 3-11	Phase I History/Architecture - Surveyed Resources
igure 3-13	Impacted ESA Parcels by Geographic Section

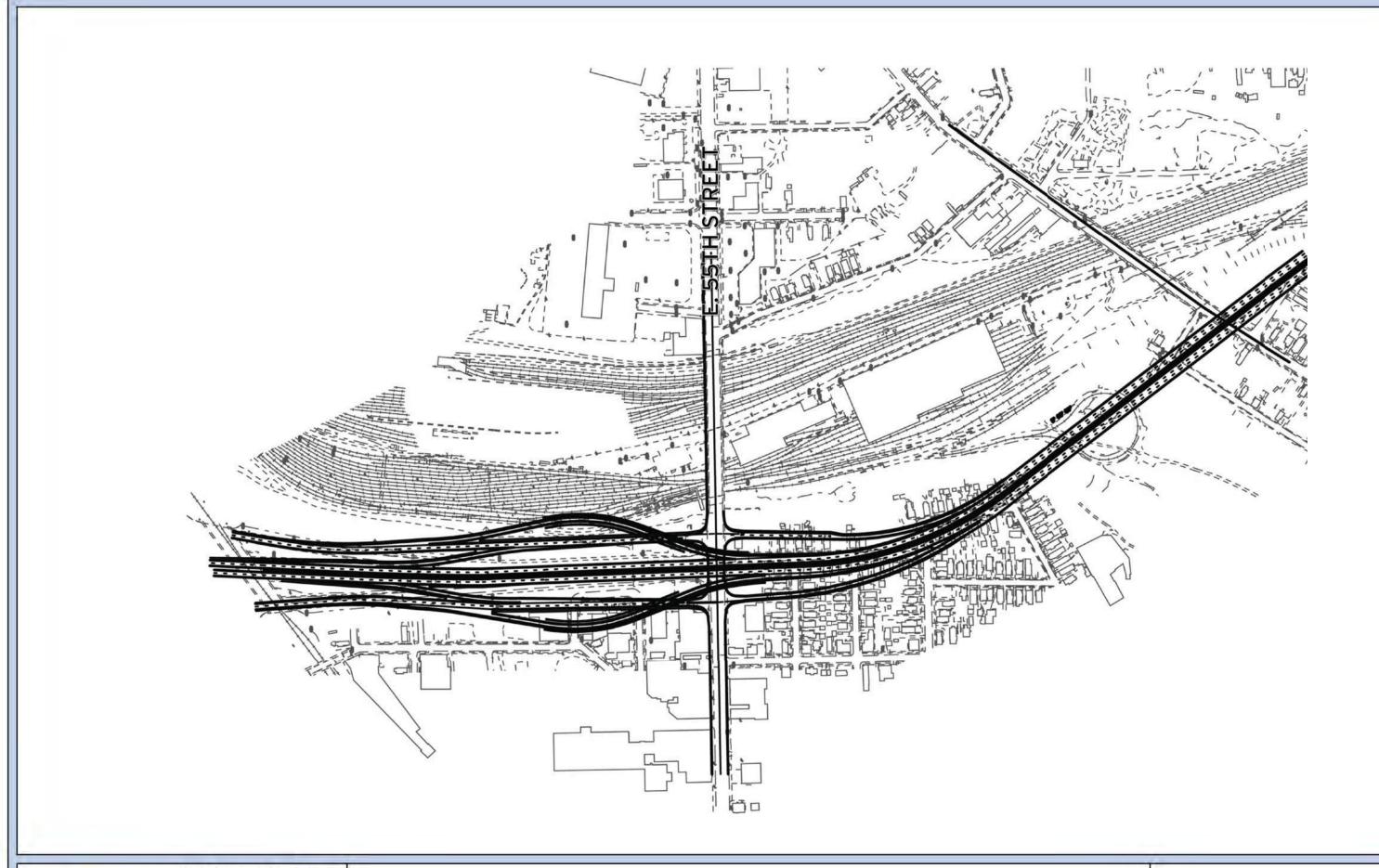








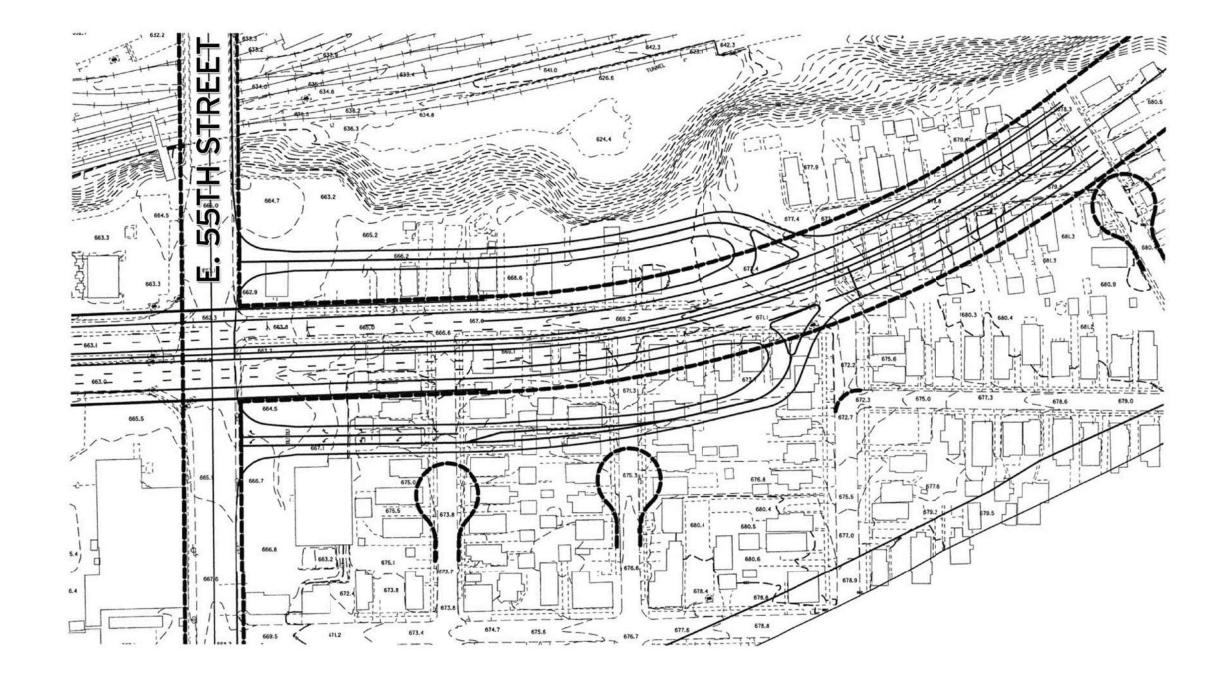




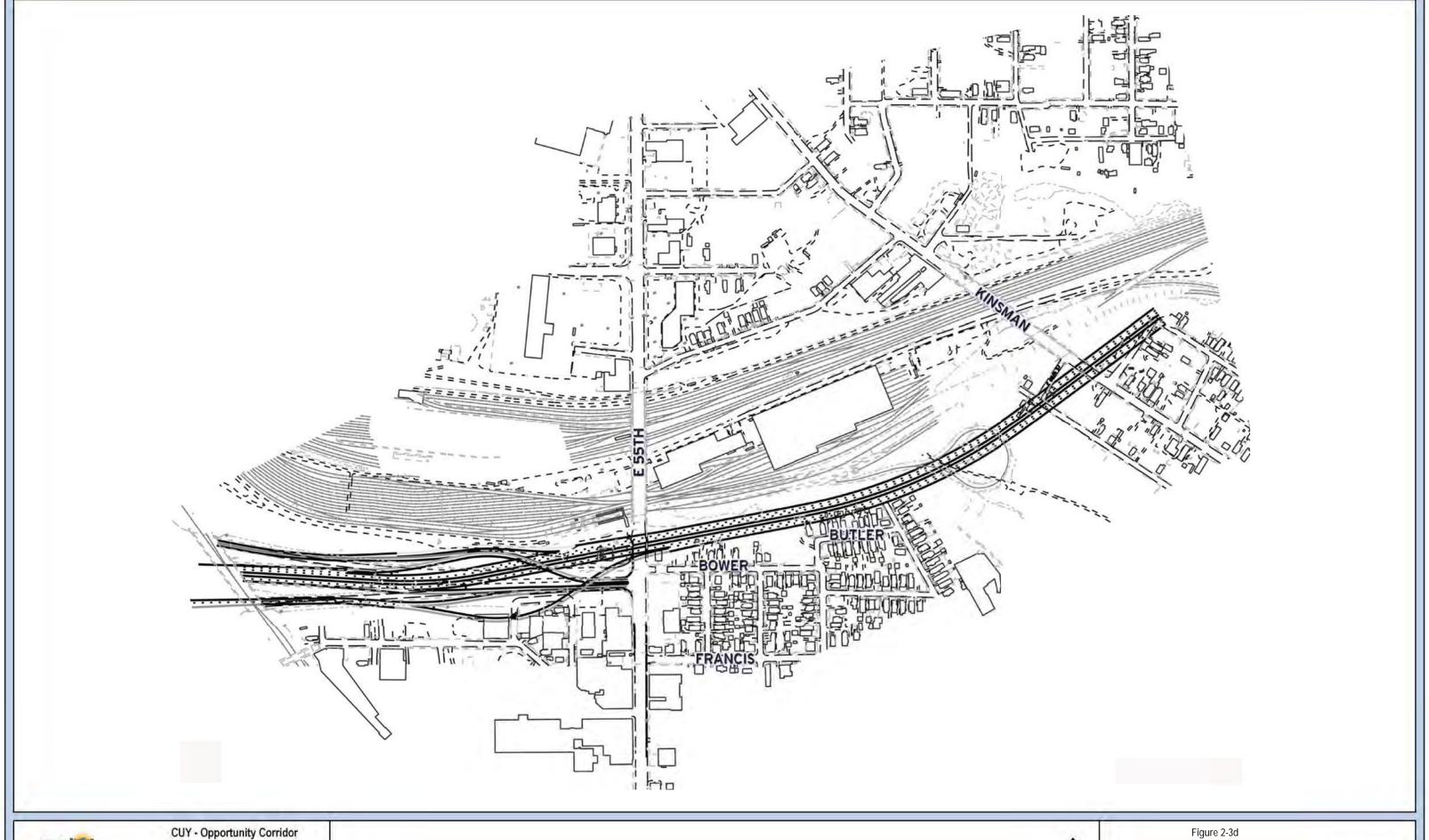


CUY - Opportunity Corridor (PID 77333) Cleveland, OH







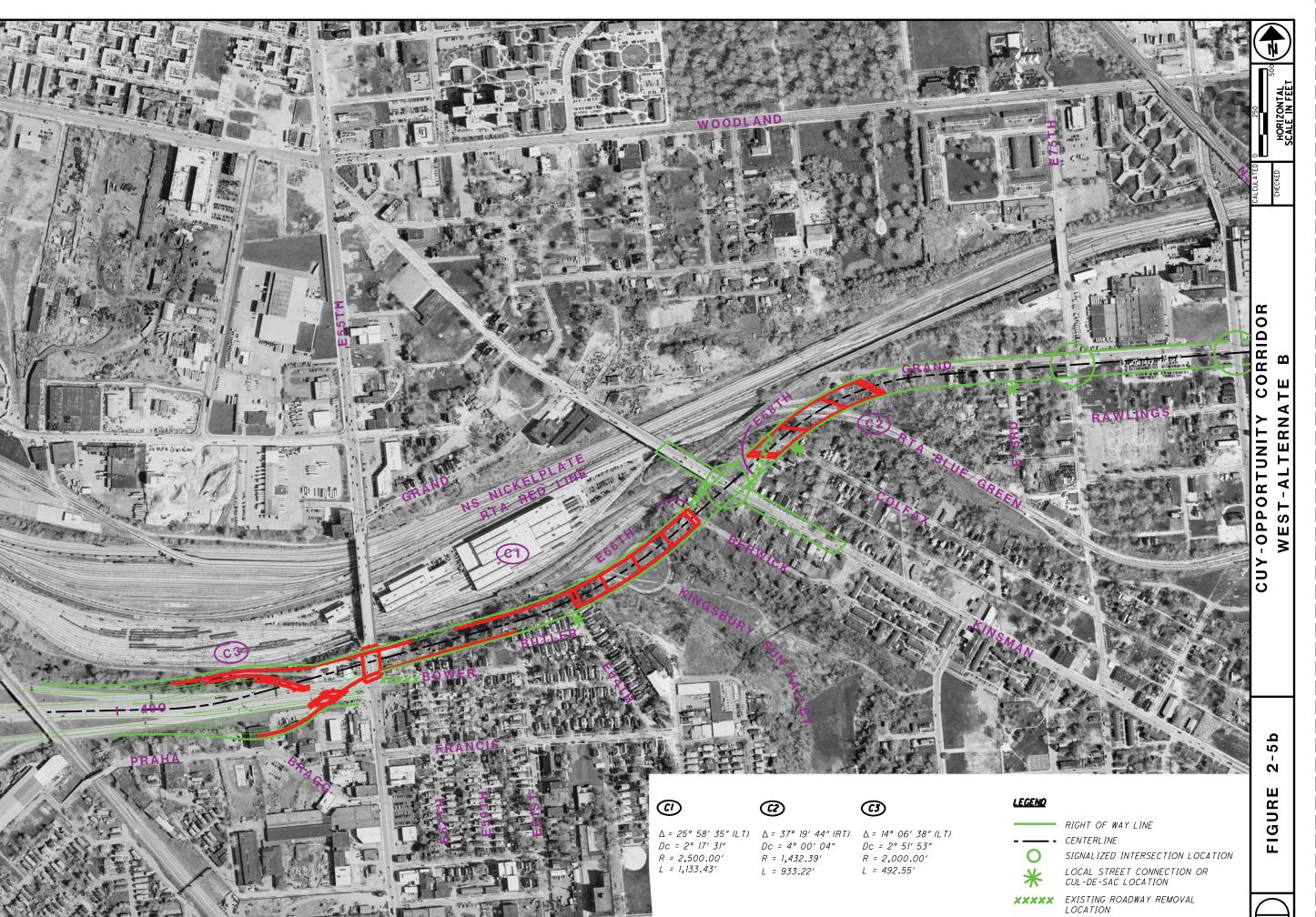






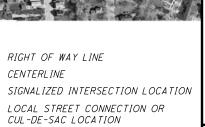
8 FIGURE

XXXXX EXISTING ROADWAY REMOVAL LOCATION



 $\bigcirc$ 

 $\bigcirc$ 



XXXXX EXISTING ROADWAY REMOVAL LOCATION

Δ = 37° 19′ 44″ (LT)

Dc = 4° 00' 00"

R = 1432.00'

L = 932.96'



Δ = 25° 32′ 13″ (LT)

Dc = 4° 00' 00"

R = 1,432.39'

L = 638.42'

 $\Delta = 32^{\circ} \ 08' \ 02'' \ (LT)$   $\Delta = 14^{\circ} \ 49' \ 54'' \ (LT)$ 

Dc = 5° 00′ 00″

R = 1,145.92'

L = 584.45'

Dc = 3° 00′ 00″

R = 1909.86'

L = 494.39'

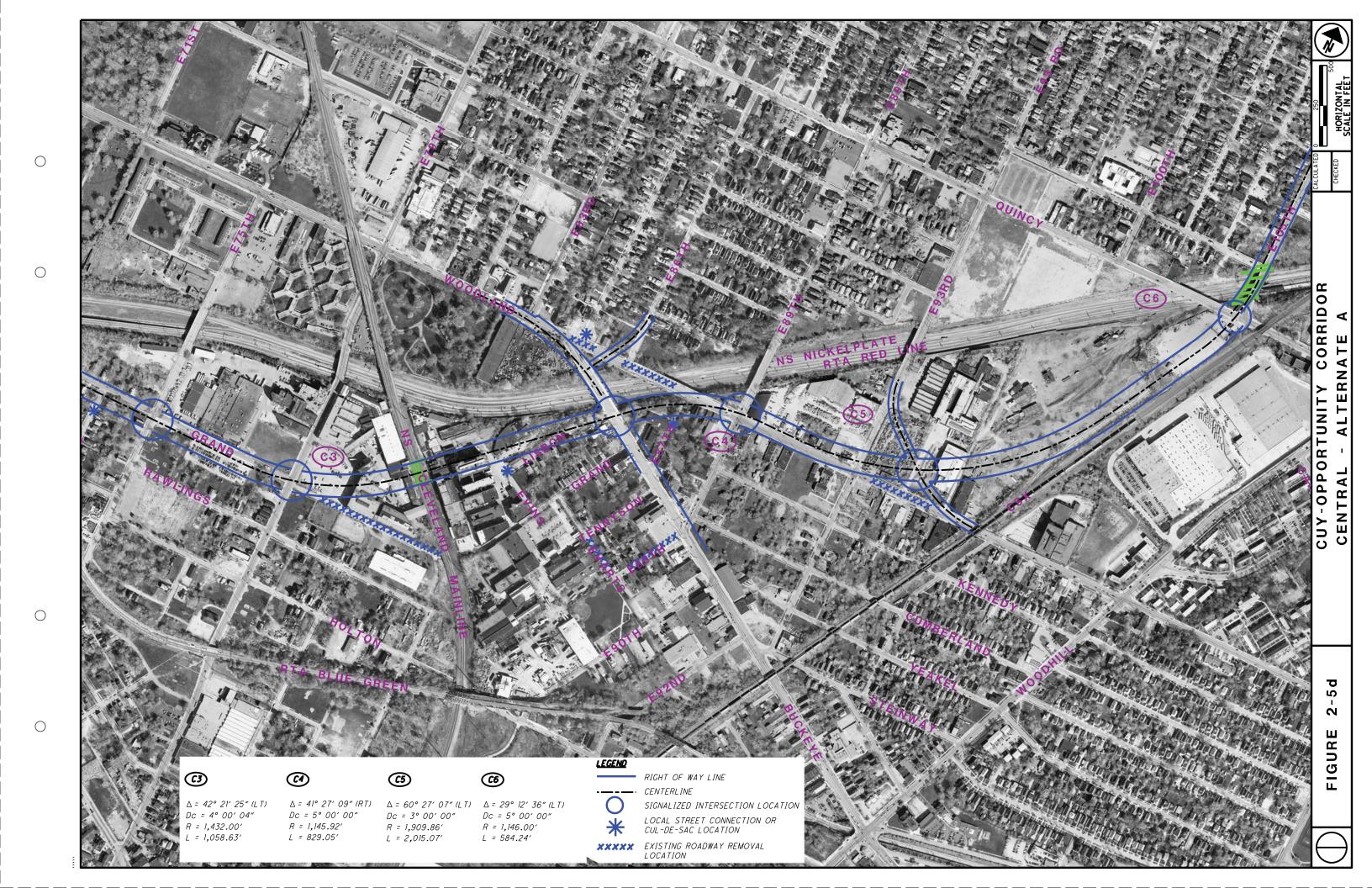
 $\bigcirc$ 

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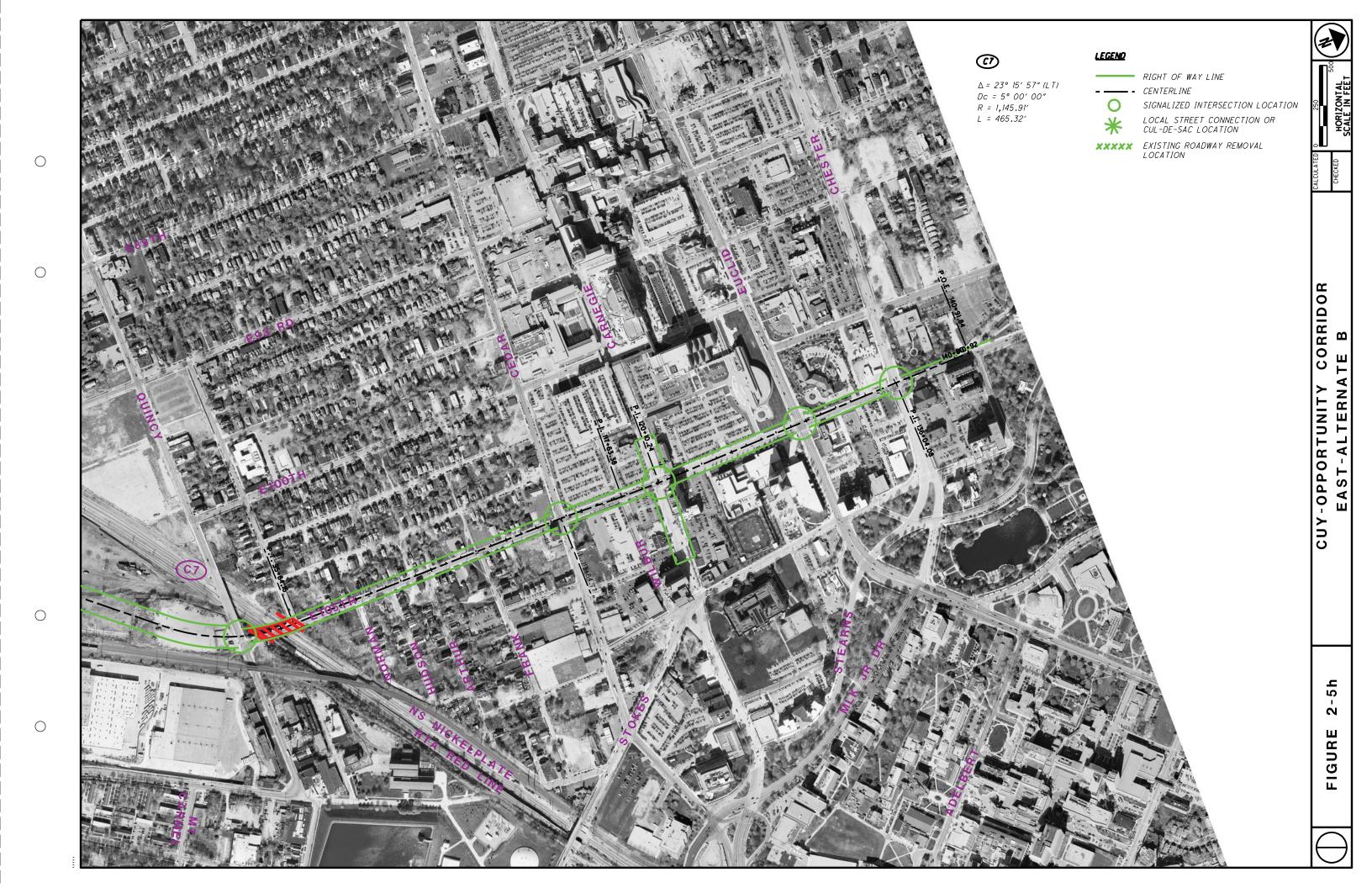




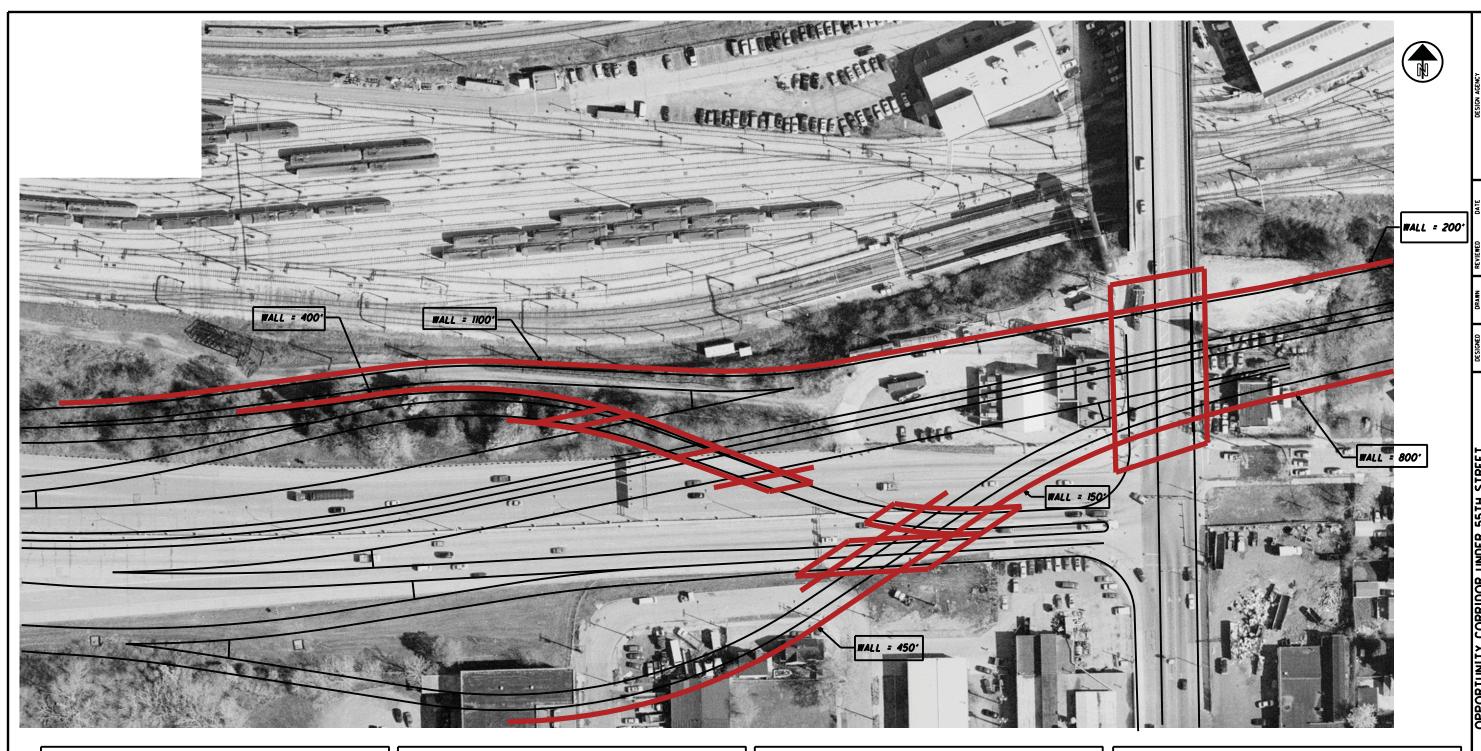












## PROPOSED STRUCTURE (RAMP OVER O.C.)

TYPE:

0

0

0

 $\circ$ 

SPANS: 112'-0", 75'-0"

(MEASURED ALONG & CONSTRUCTION RAMP)

ROADWAY: TOE/TOE PARAPET

LOADING: HL-93

SKEW:

APPROACH SLABS: 30'-0" LONG (AS-1-81)

ALIGNMENT:

CROWN: FT/FT
COORDINATES: LATITUDE
LONGITUDE

## PROPOSED STRUCTURE (RAMP OVER RAMP)

SPANS: 70'-0"

(MEASURED ALONG & CONSTRUCTION) RAMP

ROADWAY: TOE/TOE PARAPET

LOADING: HL-93

SKEW:

TYPE:

APPROACH SLABS: 30'-0" LONG (AS-1-81)

AL IGNMENT:

CROWN: FT/FT

COORDINATES: LATITUDE

LONGITUDE

## PROPOSED STRUCTURE (RAMP OVER RAMP)

TYPE:

SPANS: 78'-0"

(MEASURED ALONG & CONSTRUCTION) RAMP

ROADWAY: TOE/TOE PARAPET

LOADING: HL-93

SKEW:

APPROACH SLABS: 30'-0" LONG (AS-1-81)

AL IGNMENT:

CROWN: FT/FT
COORDINATES: LATITUDE

LONGITUDE

## PROPOSED STRUCTURE (55TH STREET OVER O.C.)

TYPE:

| SPANS: 130'-0"

(MEASURED ALONG € CONSTRUCTION 55TH STREET)

ROADWAY: TOE/TOE PARAPET

LOADING: HL-93

SKEW:

APPROACH SLABS: 30'-0" LONG (AS-1-81)

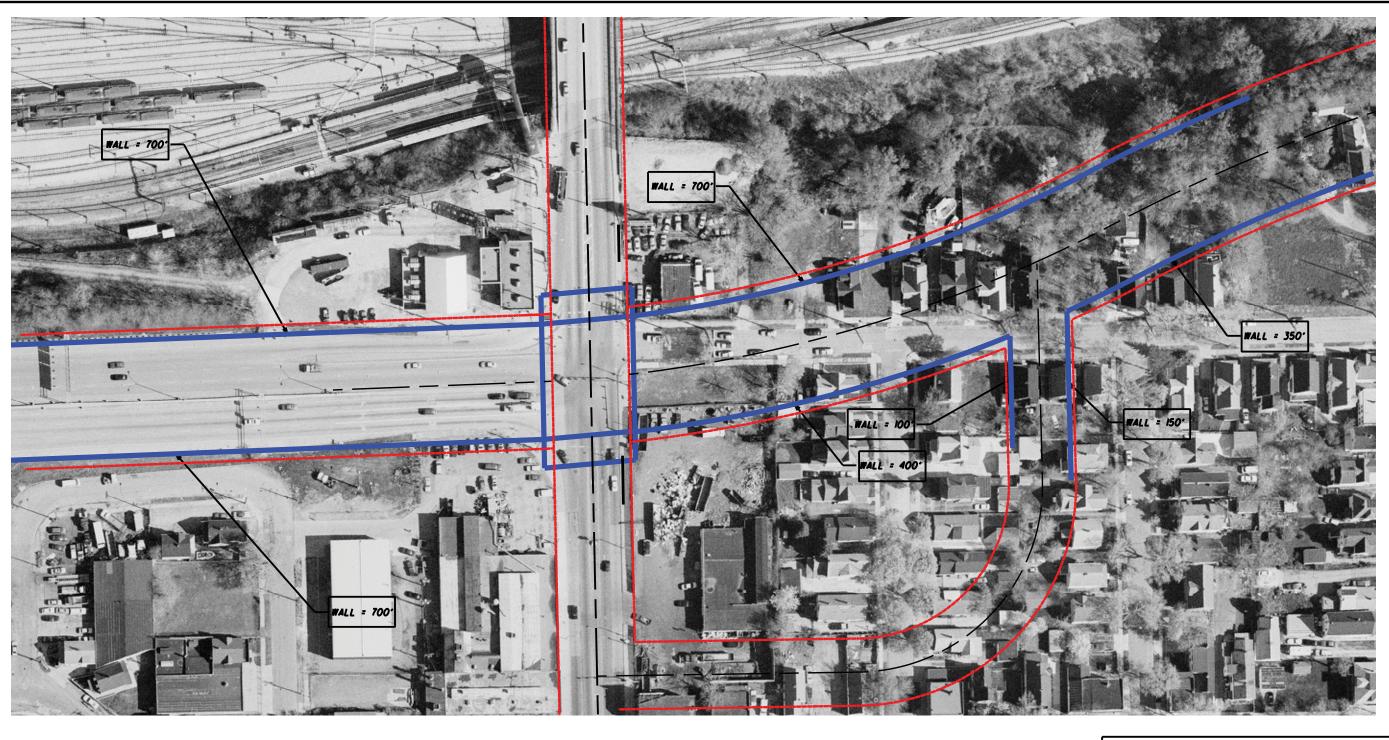
AL IGNMENT:

CROWN: FT/FT
COORDINATES: LATITUDE

LONGITUDE



39853GPWestAltB1.dgn 9/23/2010 10:18:53 AM



#### PROPOSED STRUCTURE

TYPE:

| SPANS: 120'-0"

(MEASURED ALONG € CONSTRUCTION 55TH STREET)

ROADWAY: TOE/TOE PARAPET

LOADING: HL-93

SKEW:

APPROACH SLABS: 30'-0" LONG (AS-1-81)

ALIGNMENT:

CROWN: FT/FT

COORDINATES: LATITUDE

LONGITUDE

 $\bigcirc$ 

FIGURE 2-6b

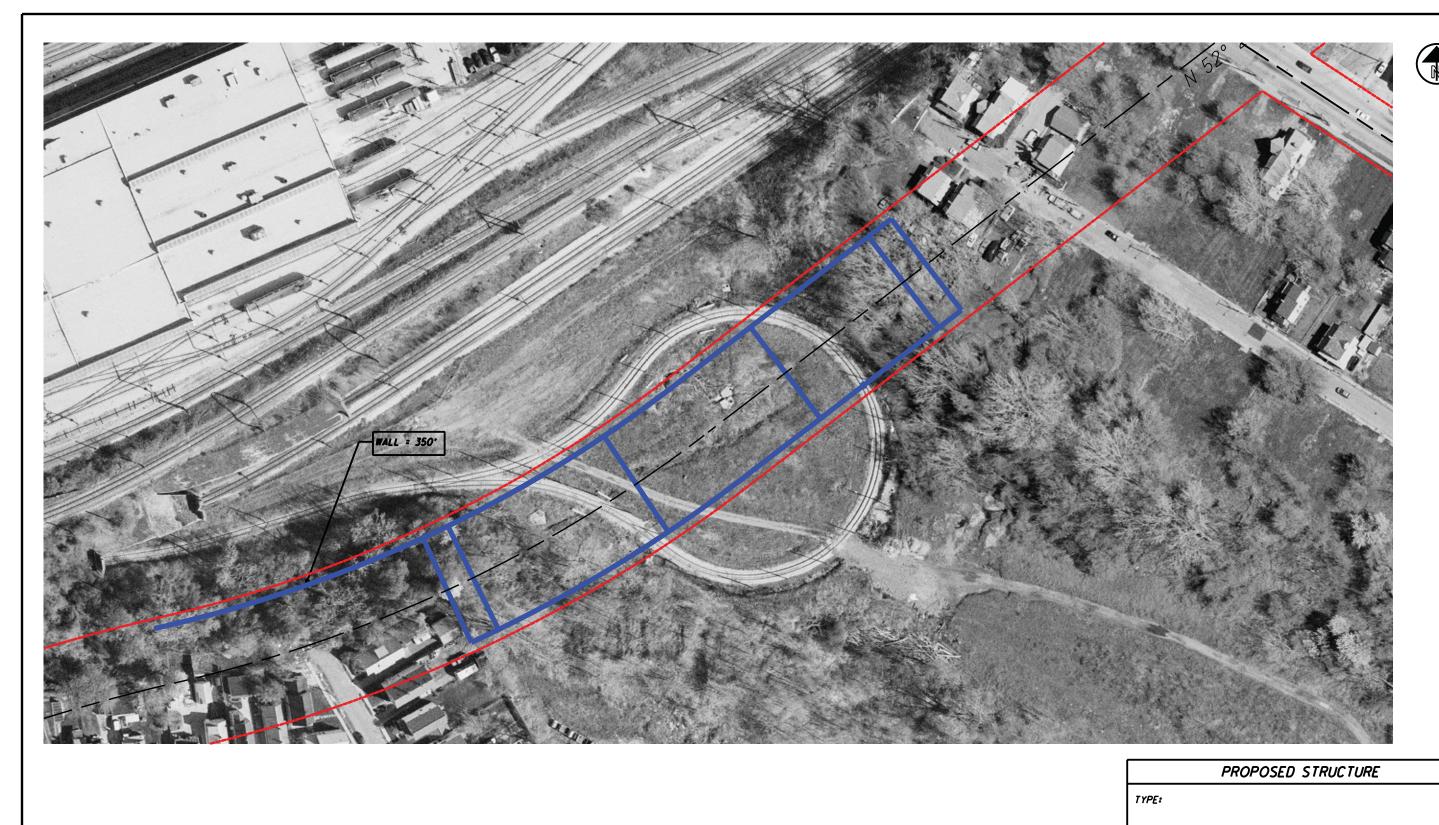
OPPORTUNITY CORRIDOR UNDER 55TH STREET
WEST ALTERNATE C

39853GPWestAltC1.dgn 9/23/2010 10:35:08 AM

0

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SPANS: 196'-0", 194'-0", 155'-0"

(MEASURED ALONG & CONSTRUCTION)

ROADWAY:

TOE/TOE PARAPET

LOADING: HL-93

SKEW:

APPROACH SLABS: 30'-0" LONG (AS-I-81)

AL IGNMENT:

CROWN: FT/FT

COORDINATES: LATITUDE LONGITUDE



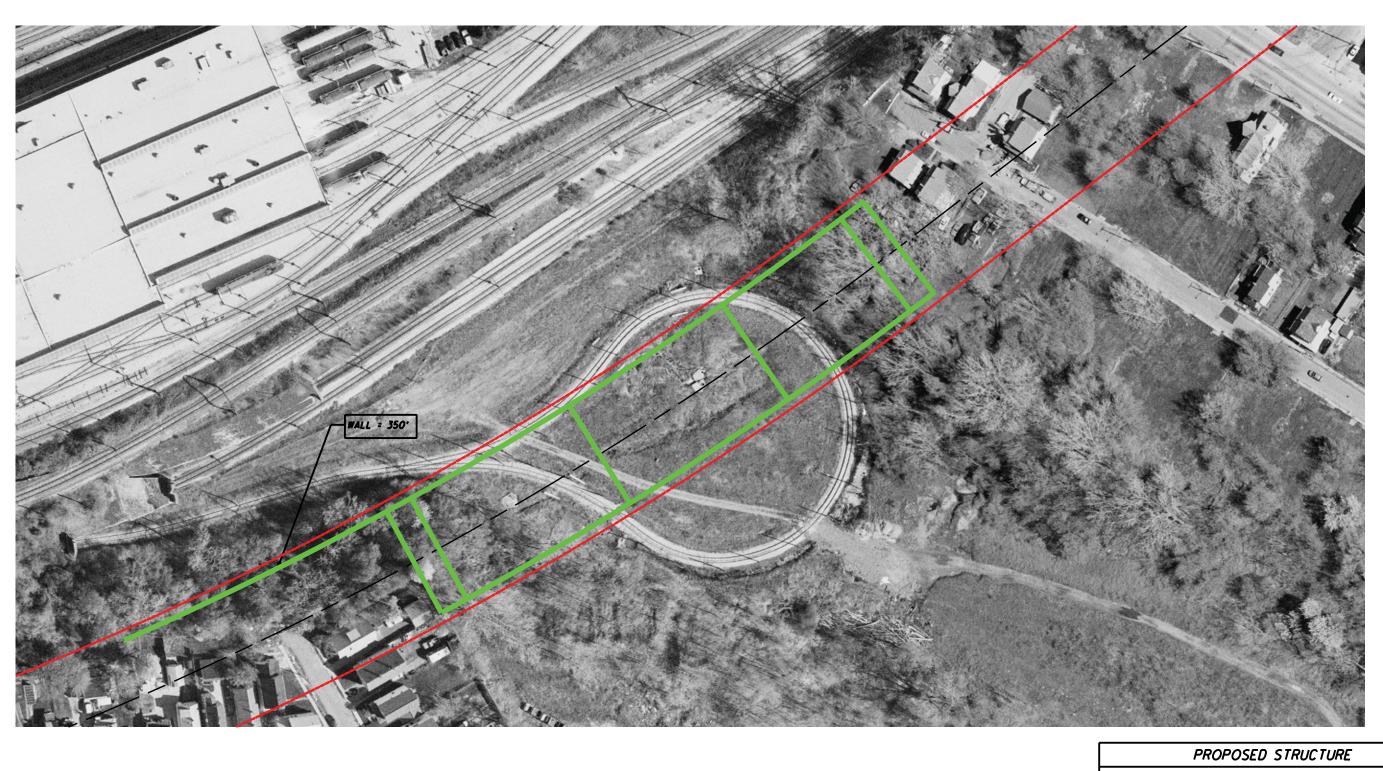
FIGURE 2-6c

OPPORTUNITY CORRIDOR OVER KINGSBURRY RUN VALLEY & R.T.A. WEST ALTERNATE A

0

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TYPE:

SPANS: 194'-0", 194'-0", 155'-0"

(MEASURED ALONG & CONSTRUCTION)

ROADWAY:

TOE/TOE PARAPET

LOADING: HL-93

SKEW:

APPROACH SLABS: 30'-0" LONG (AS-I-81)

ALIGNMENT:

CROWN: FT/FT

COORDINATES: LATITUDE

LONGITUDE

FIGURE 2-64

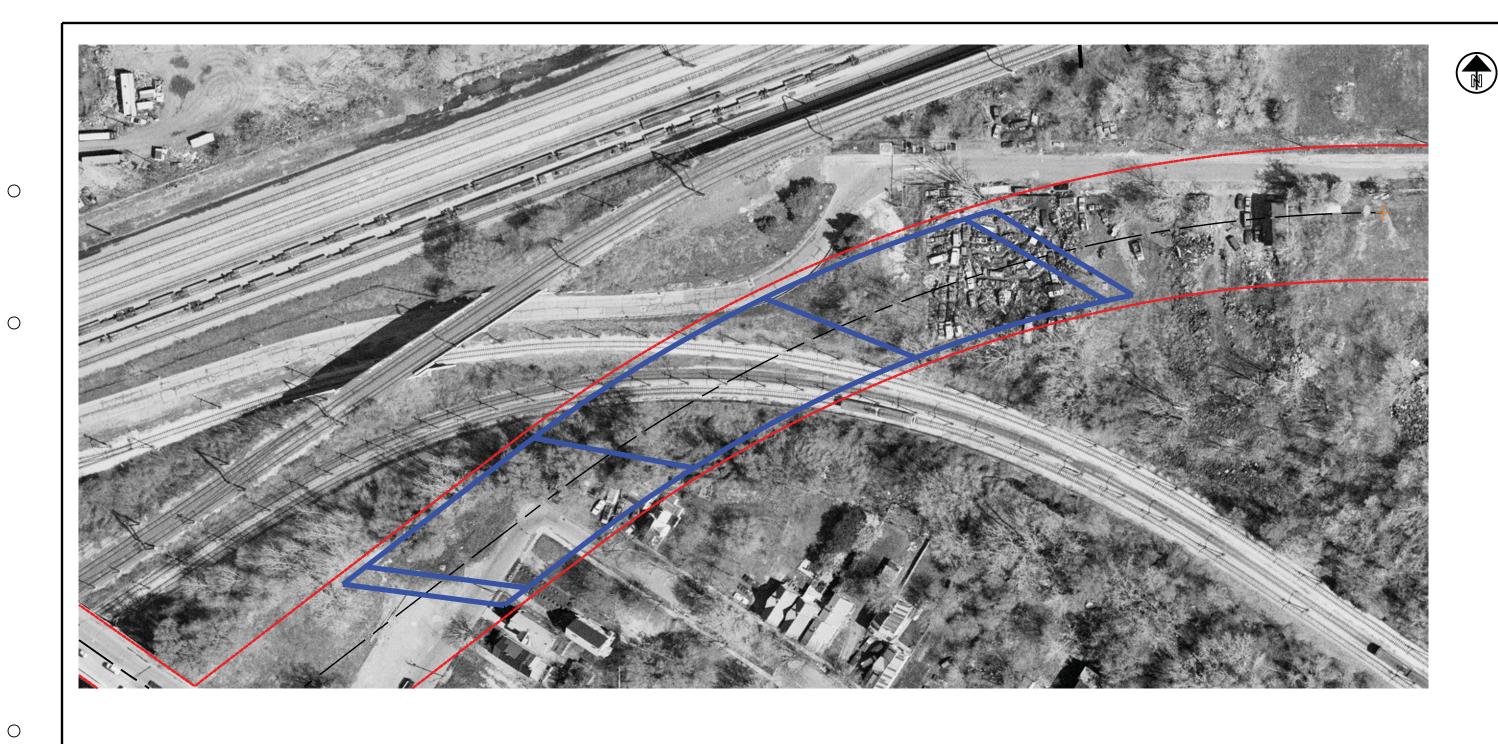
OPPORTUNITY CORRIDOR OVER KINGSBURRY RUN VALLEY & R.T.A. WEST ALTERNATES B & C

39853GP021.dgn 9/23/2010 10:53:36 AM

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TYPE: CONTINUOUS STEEL GIRDER WITH REINFORCED CONCRETE DECK AND SUBSTRUCTURE

SPANS: 216'-0", 270'-0", 216'-0"

(MEASURED ALONG € CONSTRUCTION)
WAY: TOE/TOE PARAPET

ROADWAY: LOADING: HL-93

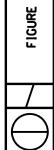
SKEW:

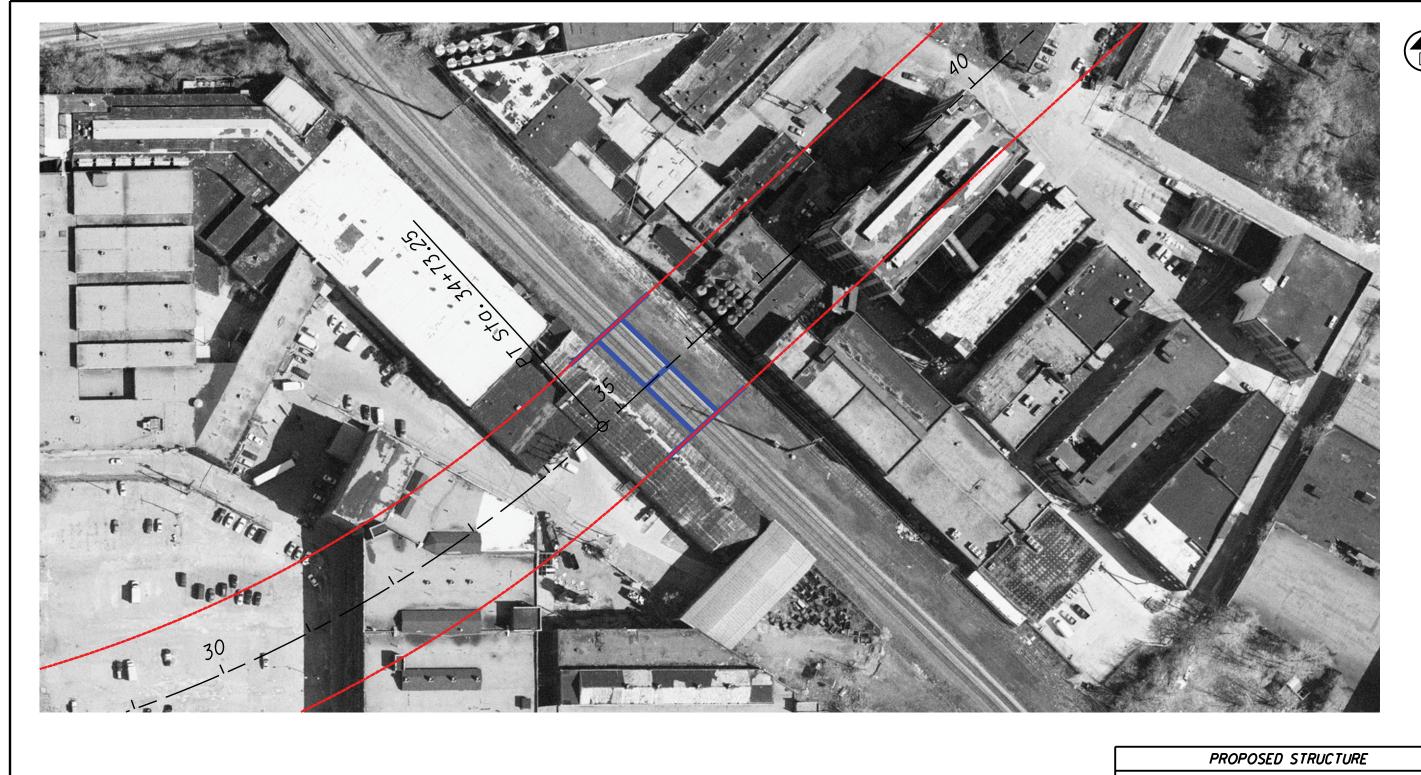
APPROACH SLABS: 30'-0" LONG (AS-I-81)

AL IGNMENT:

CROWN: FT/FT

COORDINATES: LATITUDE LONGITUDE





TYPE:

SPANS: 70'-0", 70'-0"

(MEASURED ALONG € CONSTRUCTION)

ROADWAY: TOE/TOE PARAPET

LOADING: COOPER E-80 WITH DIESEL IMPACT

SKEW:

APPROACH SLABS: LONG (AS-1-81)

LONGITUDE

AL IGNMENT:

CROWN: FT/FT
COORDINATES: LATITUDE



FIGURE 2-6f

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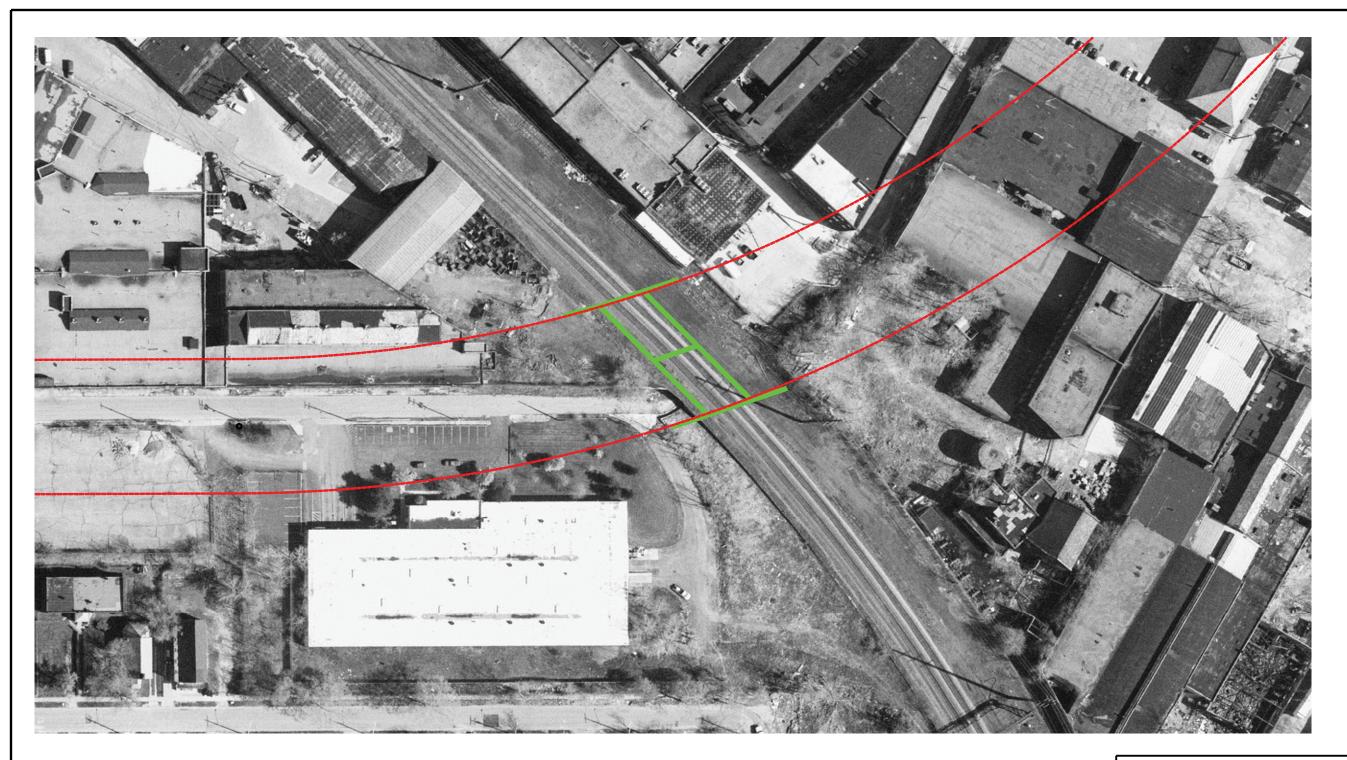
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OPPORTUNITY CORRIDOR UNDER N.S. MAINLINE CENTRAL ALTERNATE B

FIGURE 2-69



#### PROPOSED STRUCTURE

TYPE:

SPANS: 80'-0", 80'-0"

(MEASURED ALONG & CONSTRUCTION)

TOE/TOE PARAPET ROADWAY:

LOADING: COOPER E-80 WITH DIESEL IMPACT

SKEW:

APPROACH SLABS: 30'-0" LONG (AS-1-81)

AL IGNMENT:

CROWN: FT/FT

COORDINATES: LATITUDE

LONGITUDE

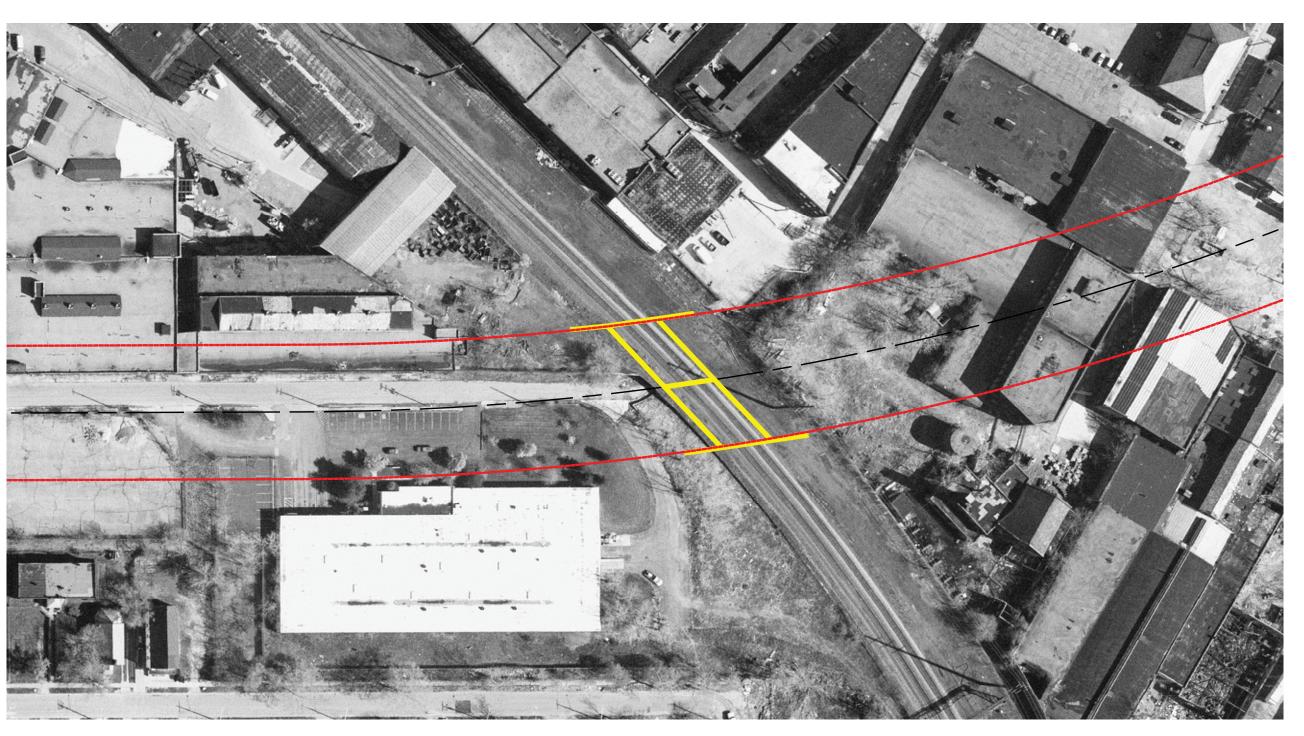
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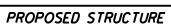


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TYPE:

SPANS: 87'-0", 87'-0"

(MEASURED ALONG & CONSTRUCTION)

TOE/TOE PARAPET ROADWAY: LOADING: COOPER E-80 WITH DIESEL IMPACT

SKEW:

APPROACH SLABS: 30'-0" LONG (AS-I-81)

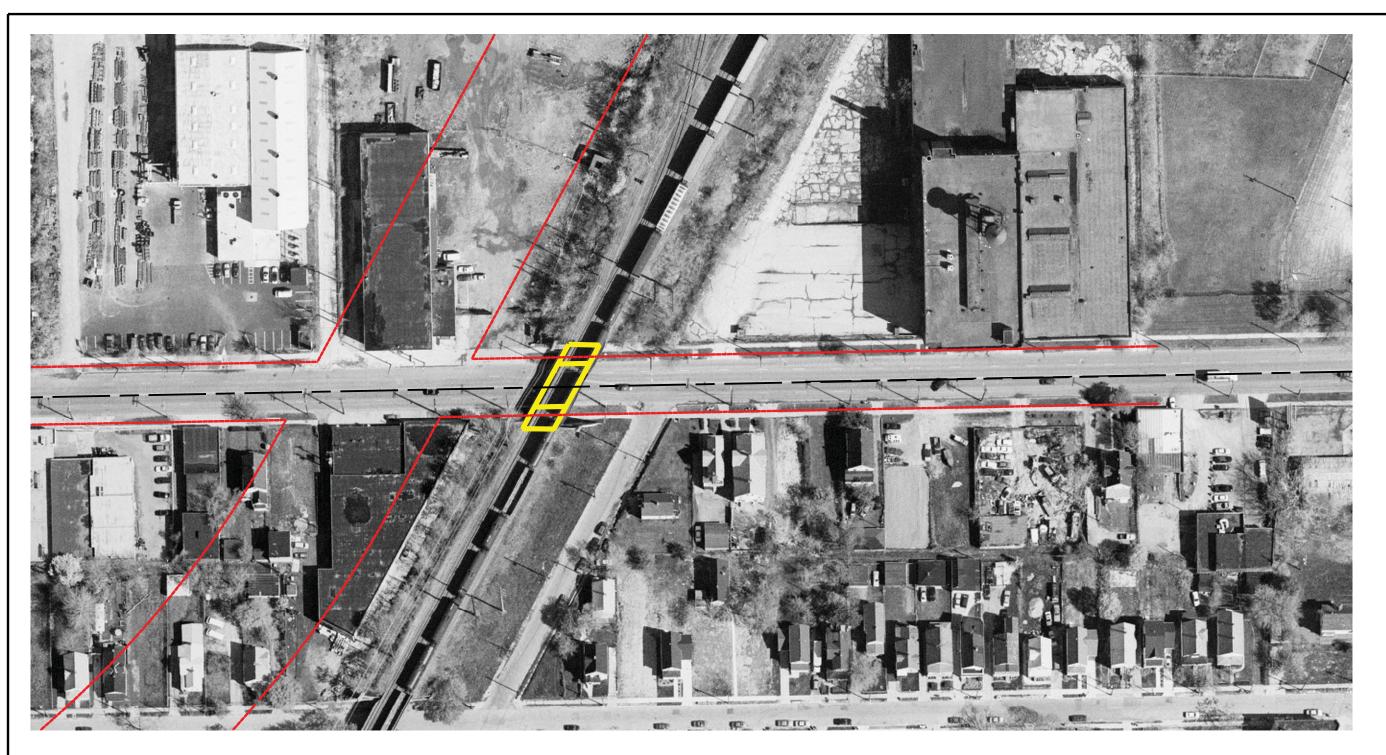
AL IGNMENT:

CROWN: FT/FT COORDINATES: LATITUDE

LONGITUDE







#### PROPOSED STRUCTURE

TYPE:

SPANS: 18'-0", 64'-0", 18'-0"

(MEASURED ALONG & CONSTRUCTION)

ROADWAY:

TOE/TOE PARAPET LOADING: COOPER E-80 WITH DIESEL IMPACT

SKEW:

APPROACH SLABS: N/A

AL IGNMENT:

CROWN:

COORDINATES: LATITUDE

LONGITUDE

FT/FT

FIGURE 2-6

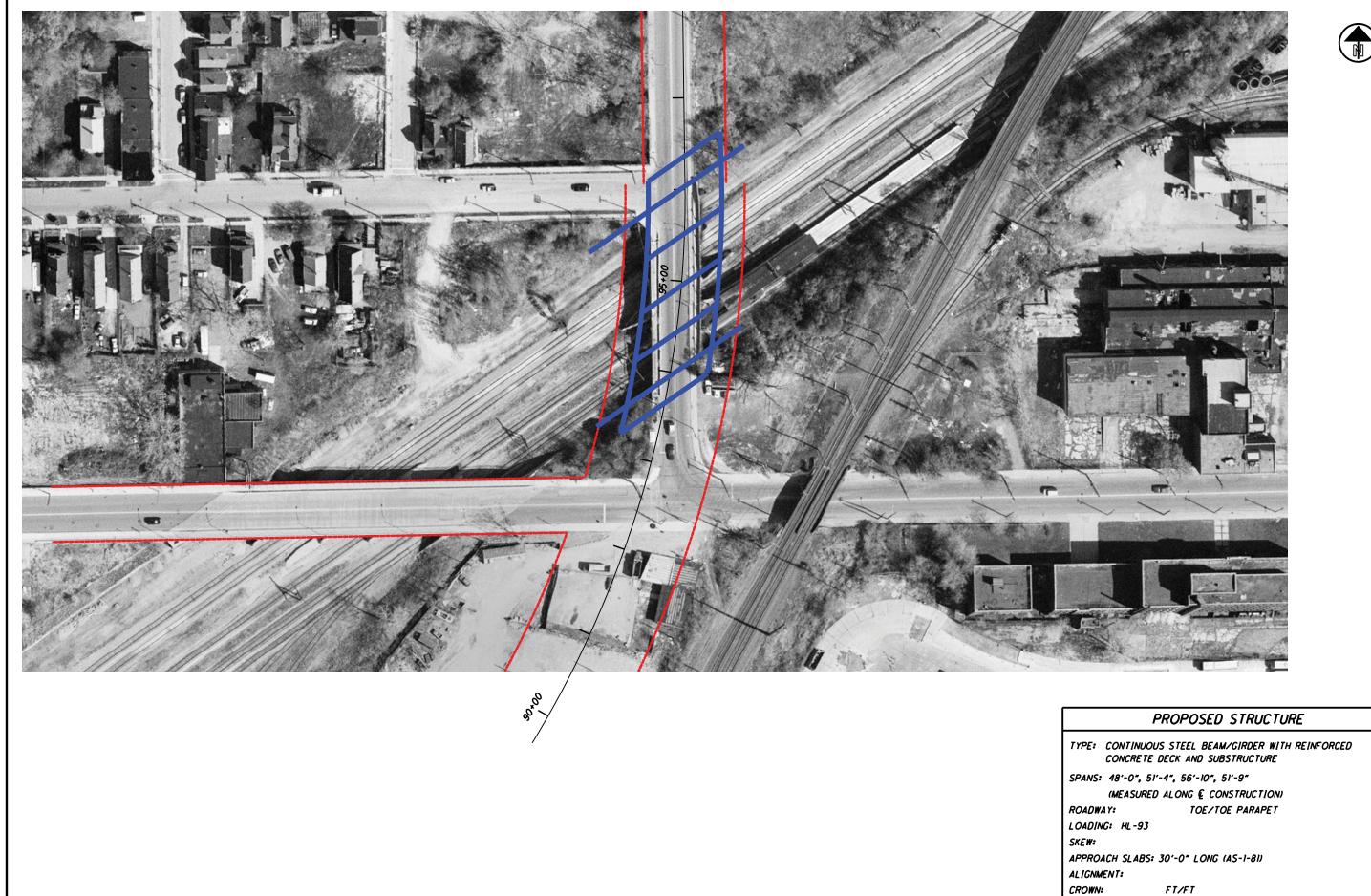
C.S.X. OVER OVER WOODLAND AVENUE
CENTRAL ALTERNATE C

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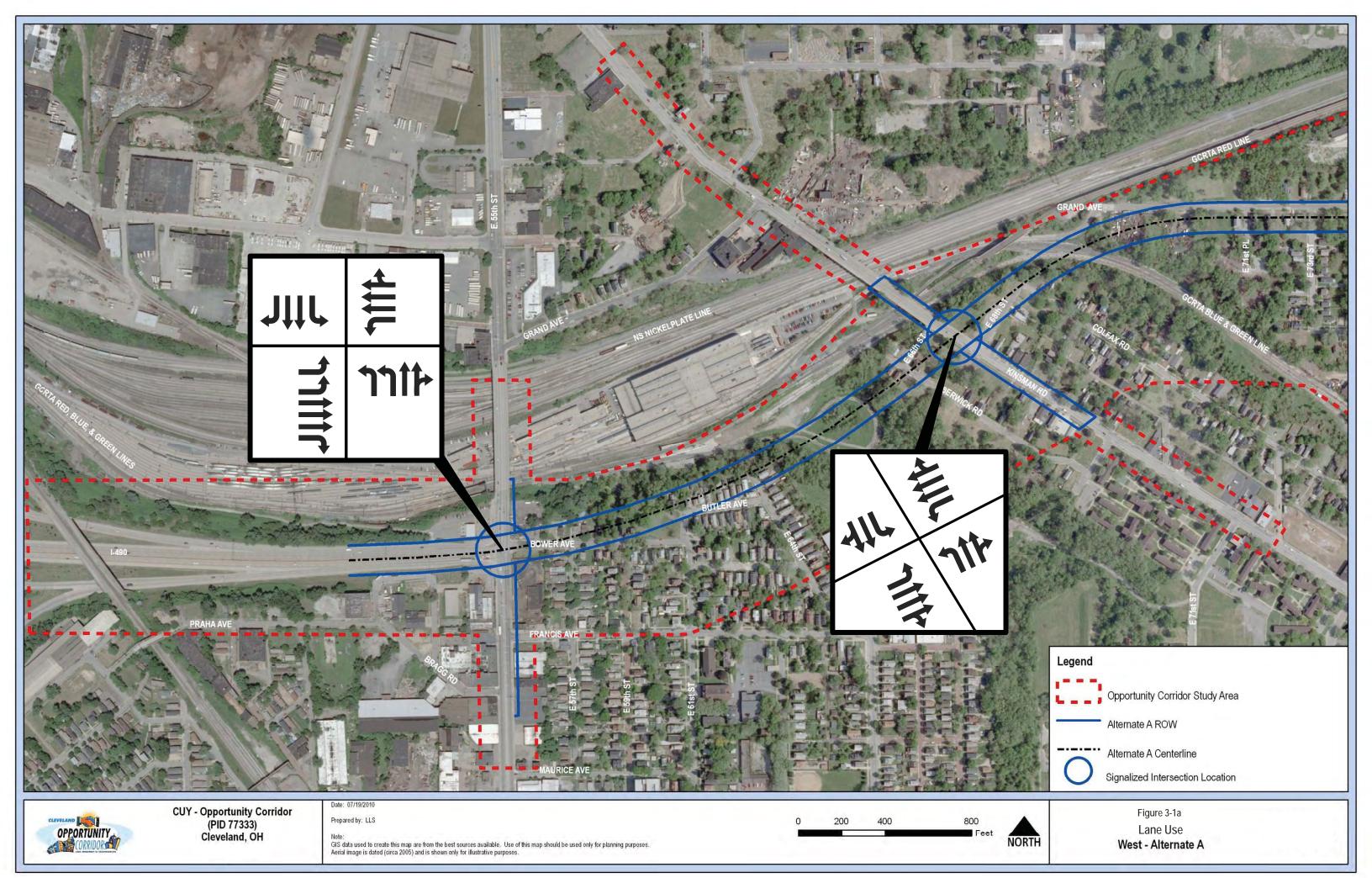
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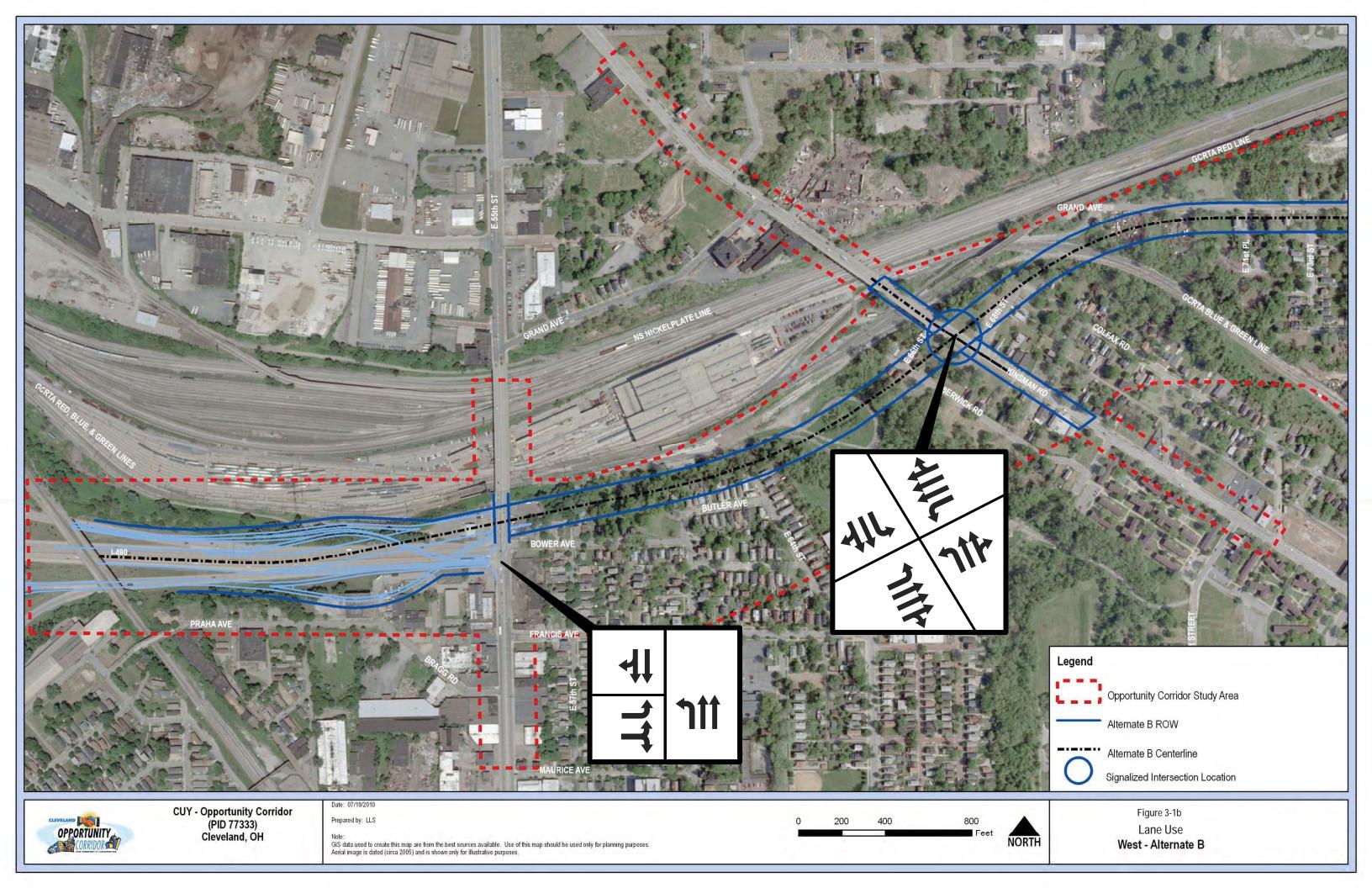
OPPORTUNITY CORRIDOR OVER N.S. NICKELPLATE AND G.C.R.T.A. EAST ALTERNATES A, B & C

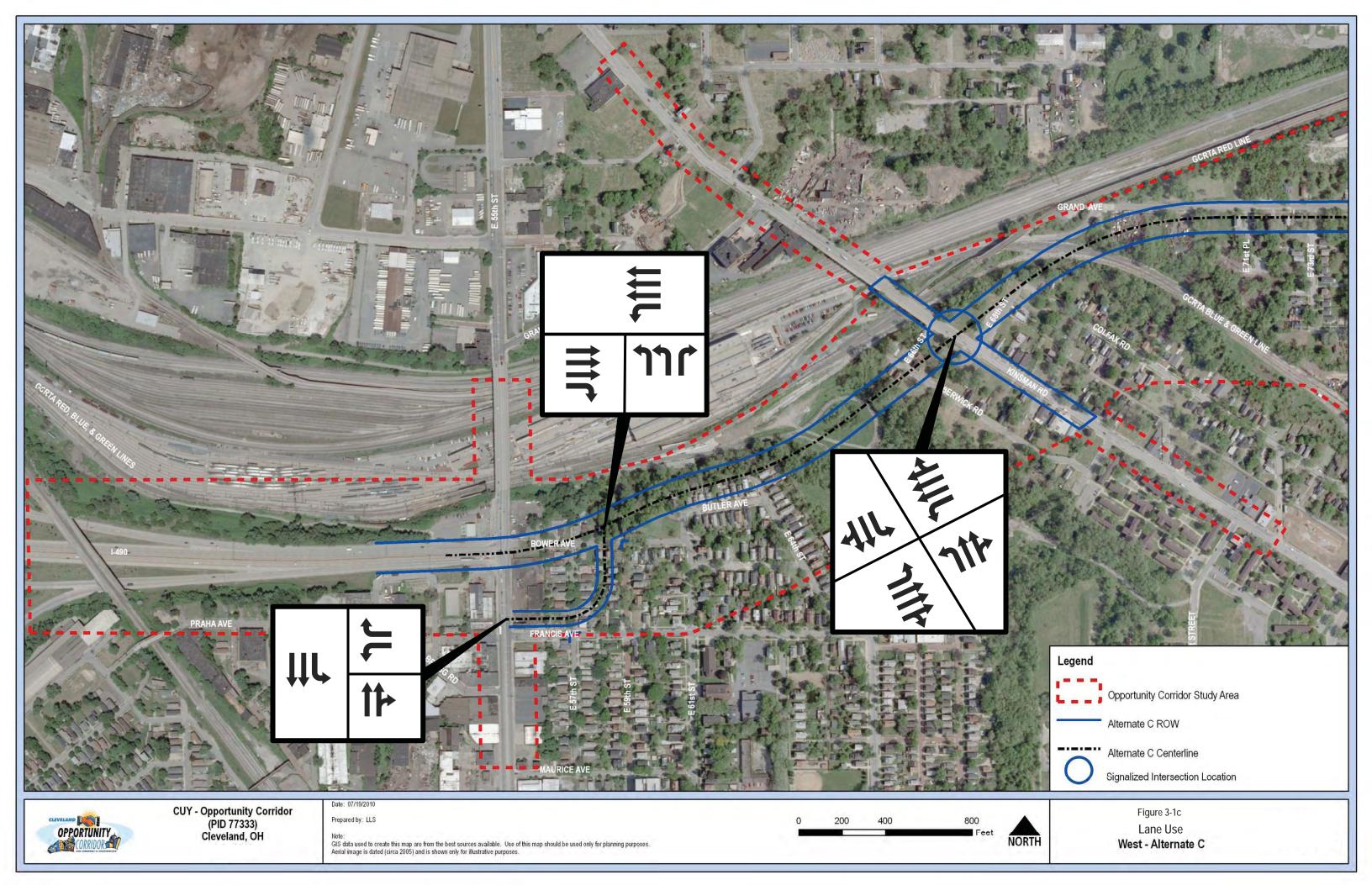
FIGURE 2-6j

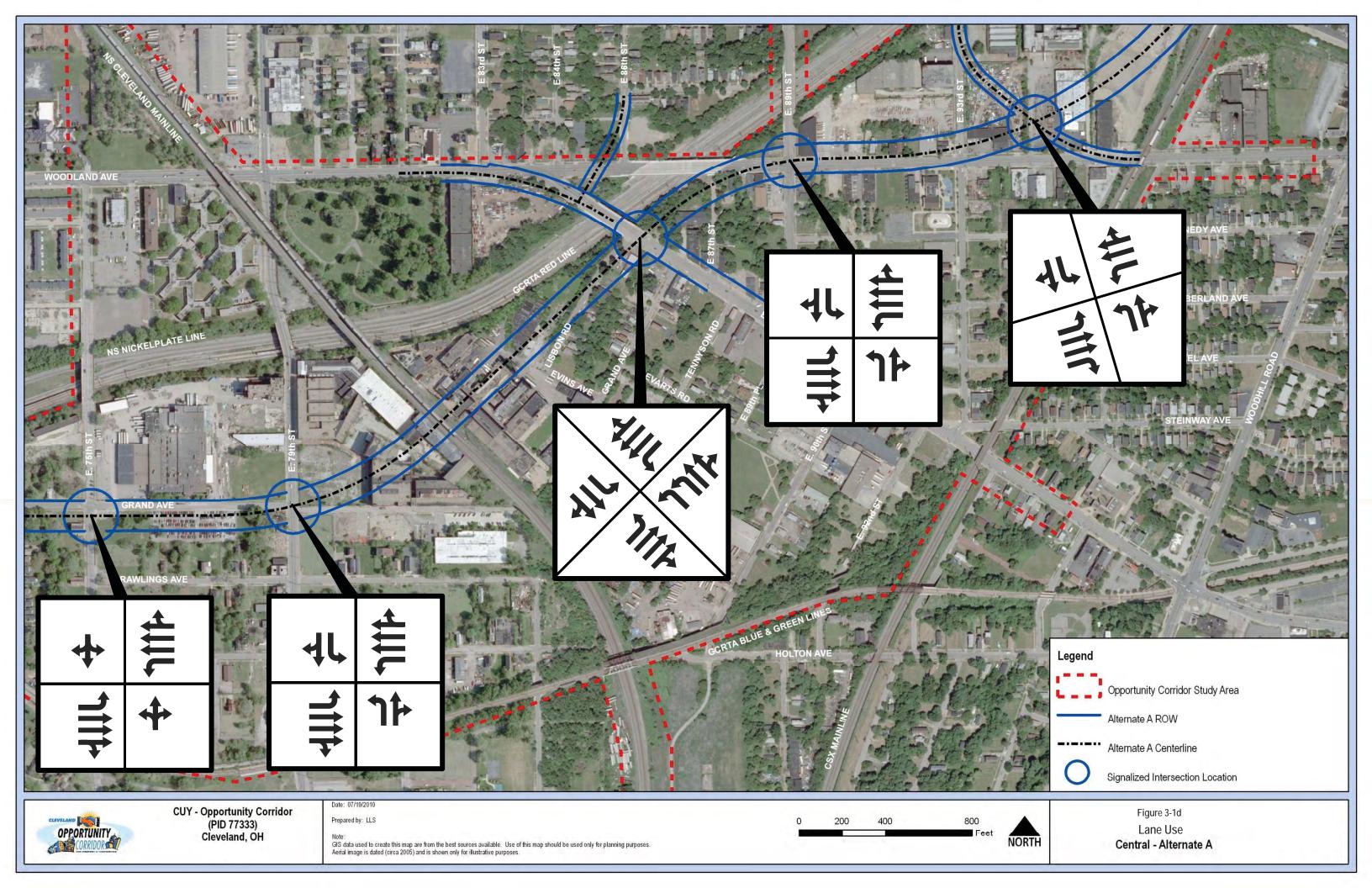
COORDINATES: LATITUDE

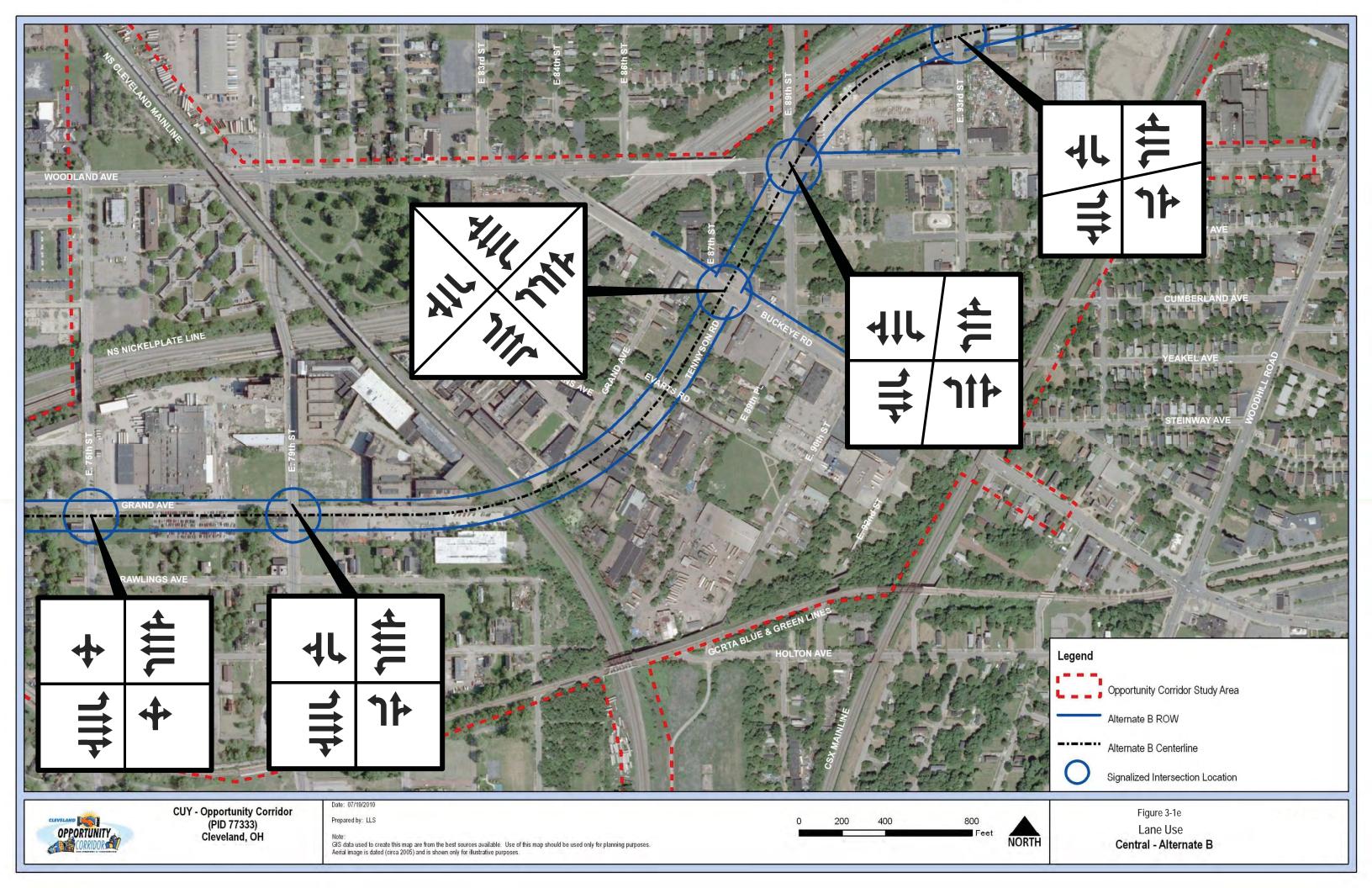
LONGITUDE

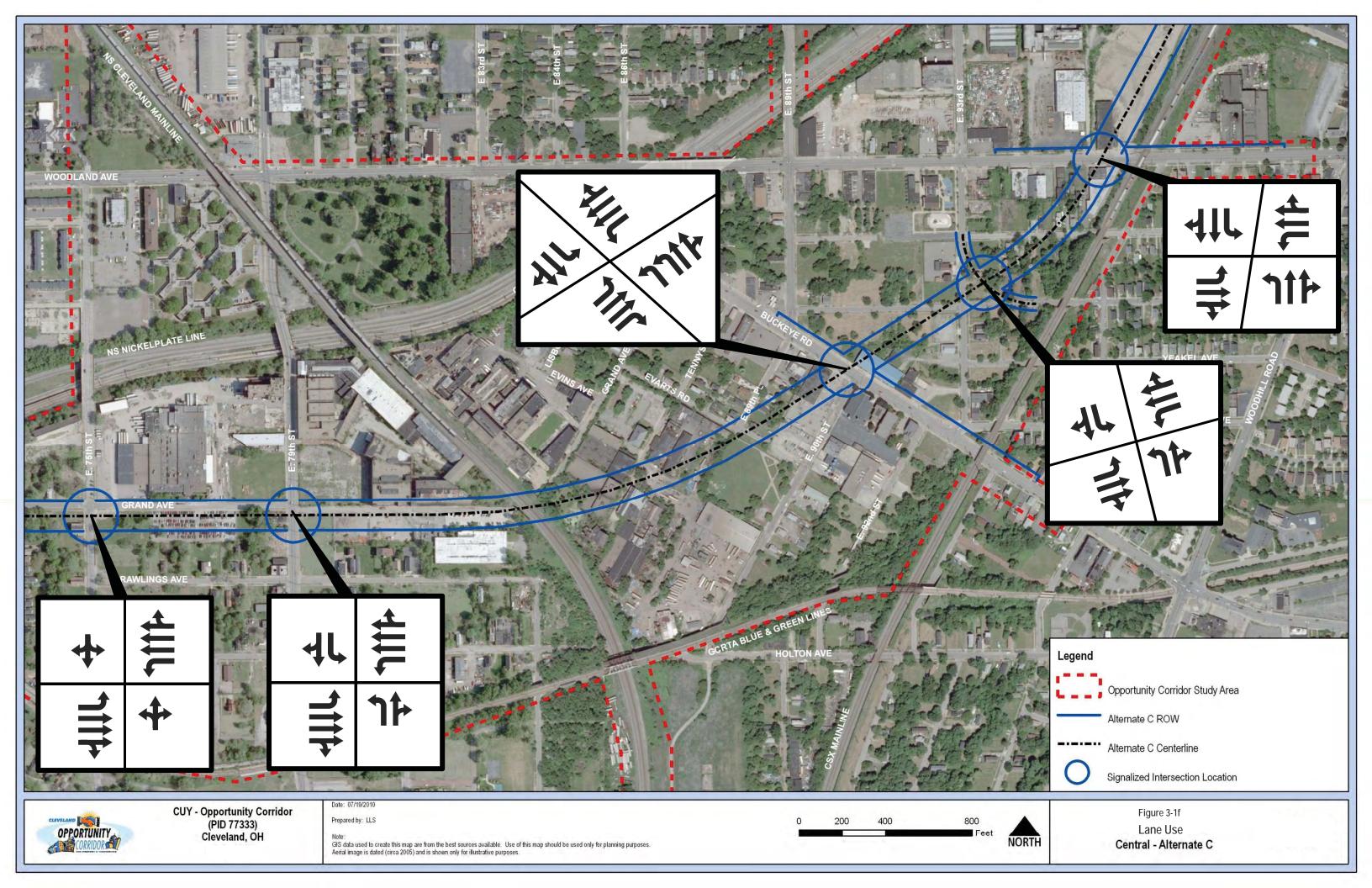


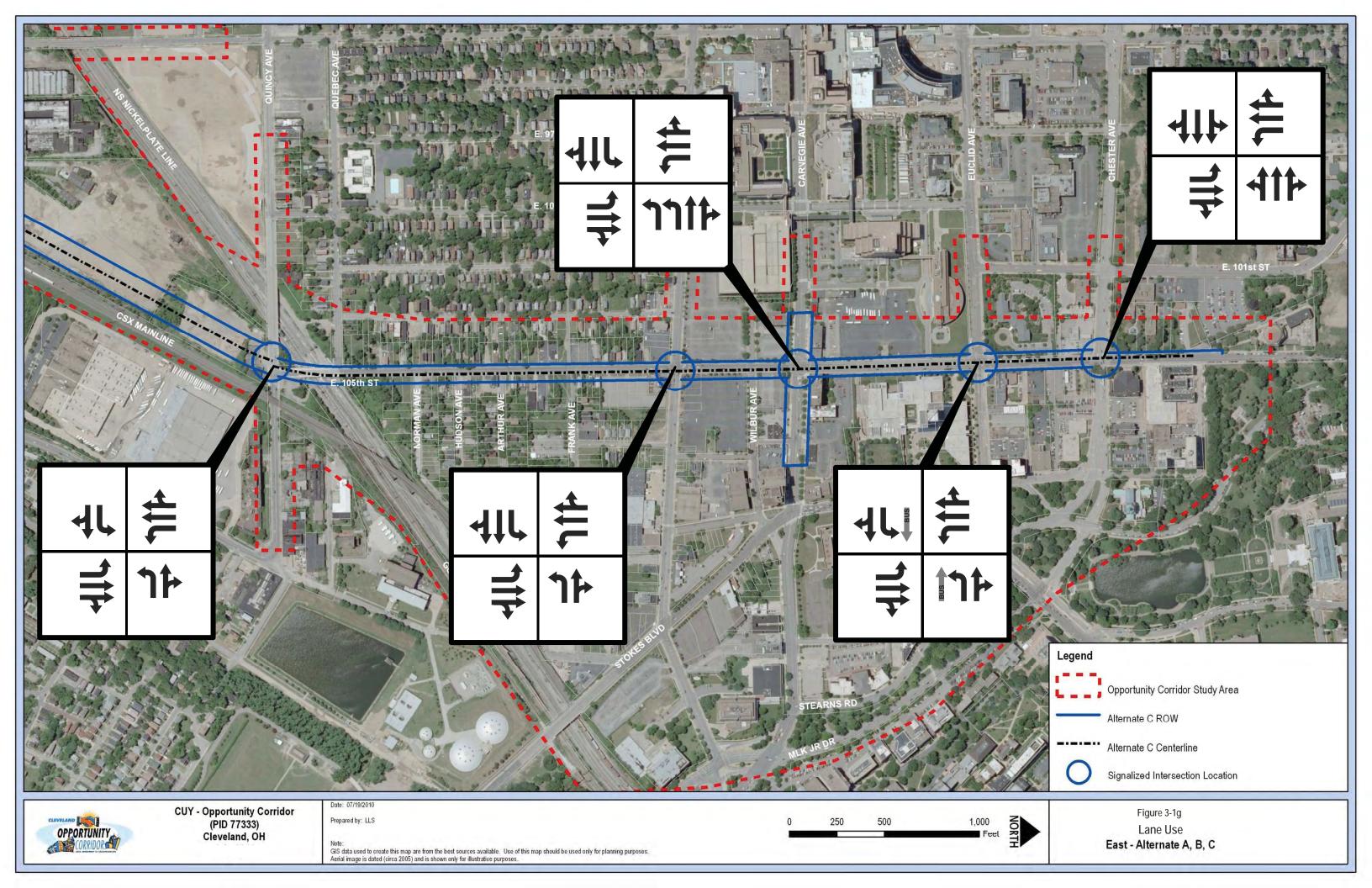


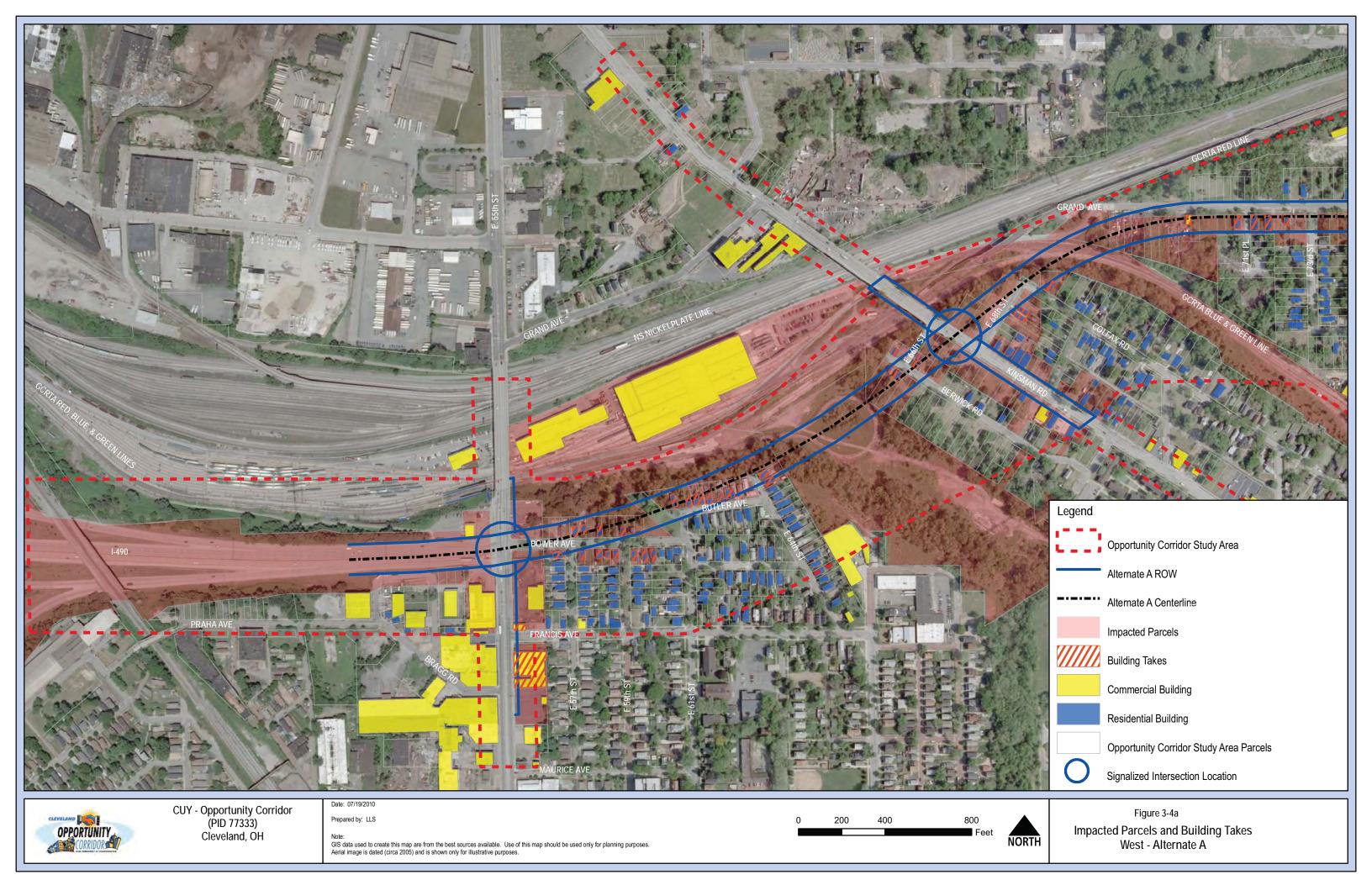


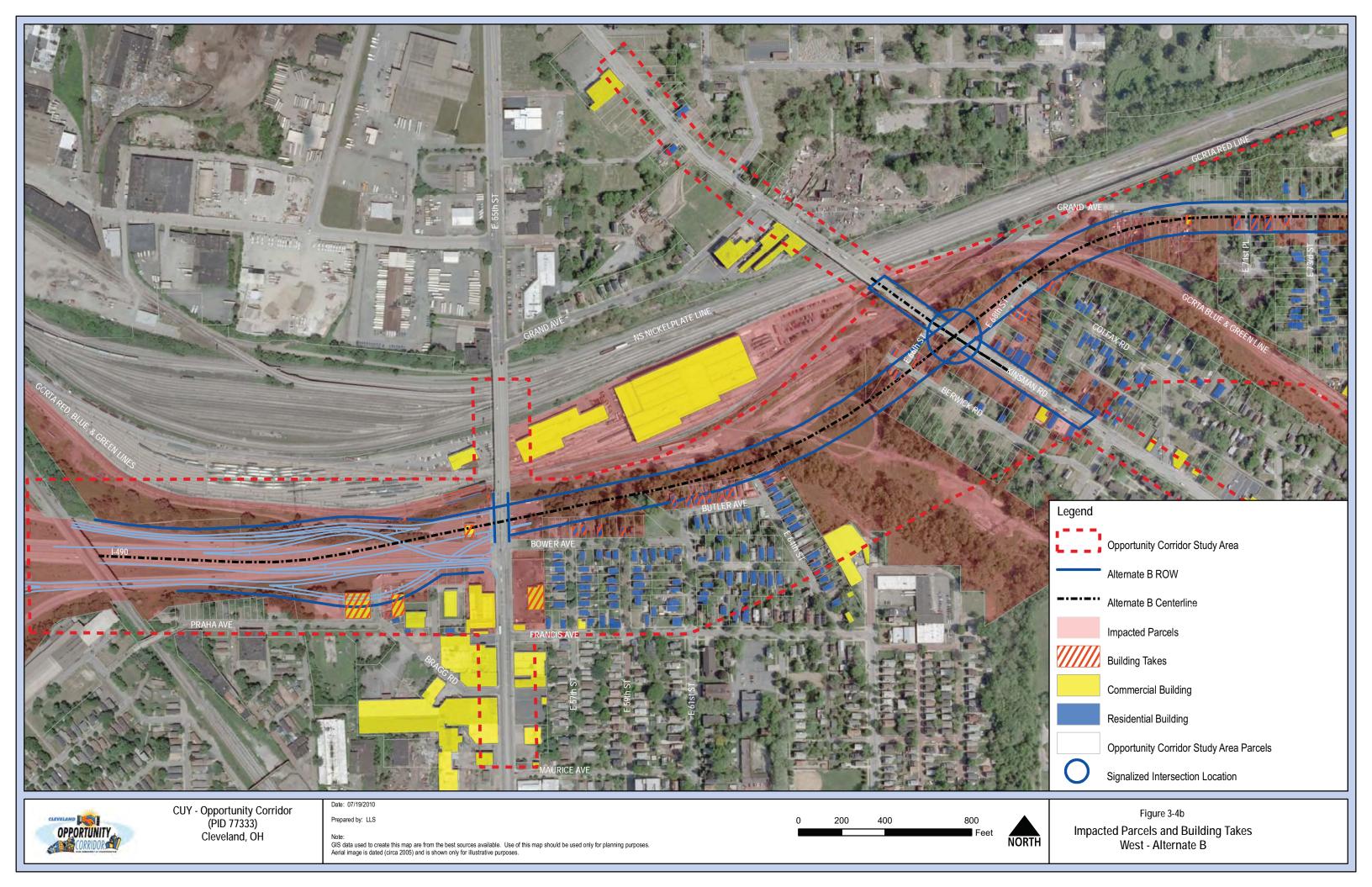


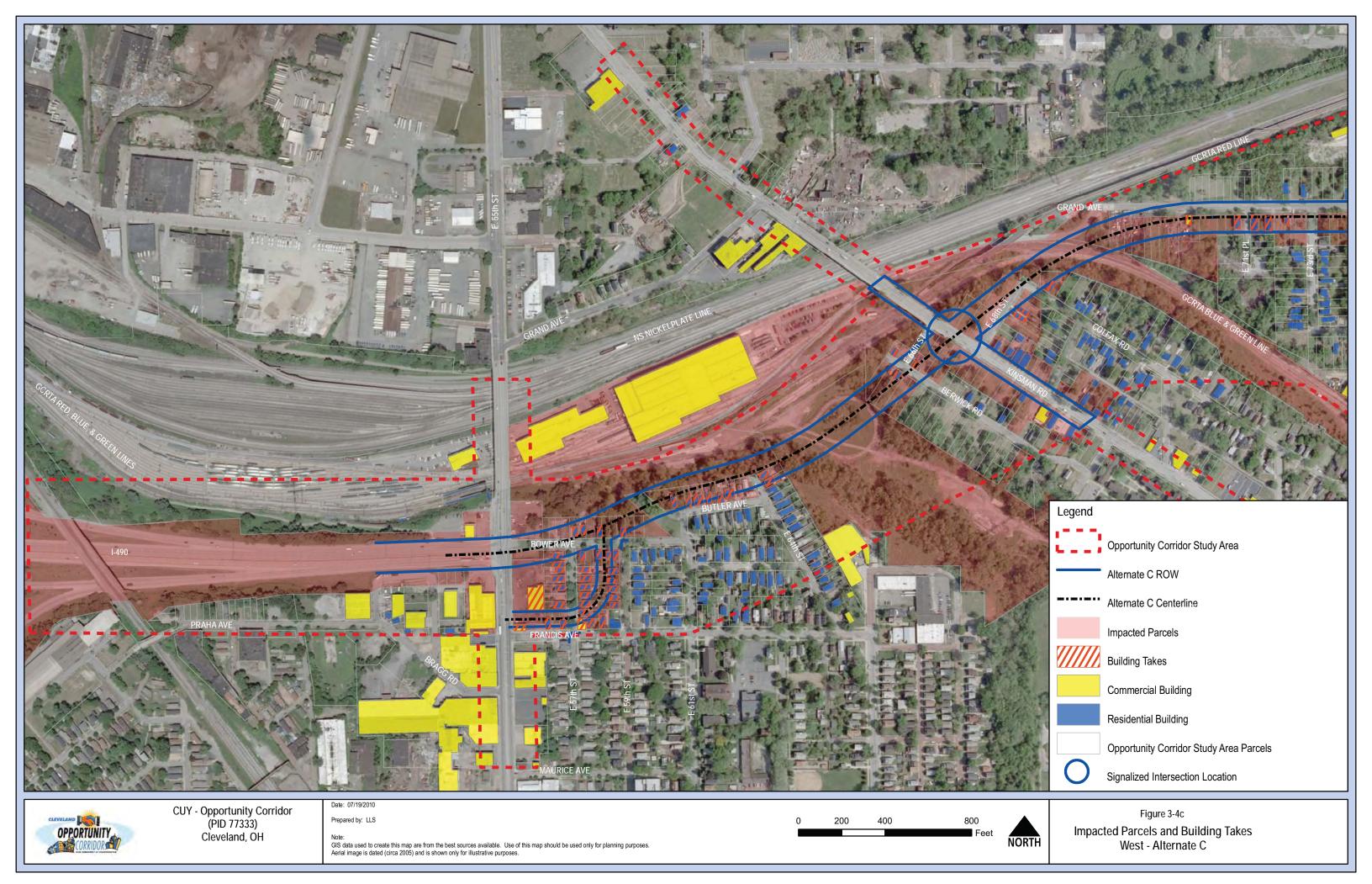


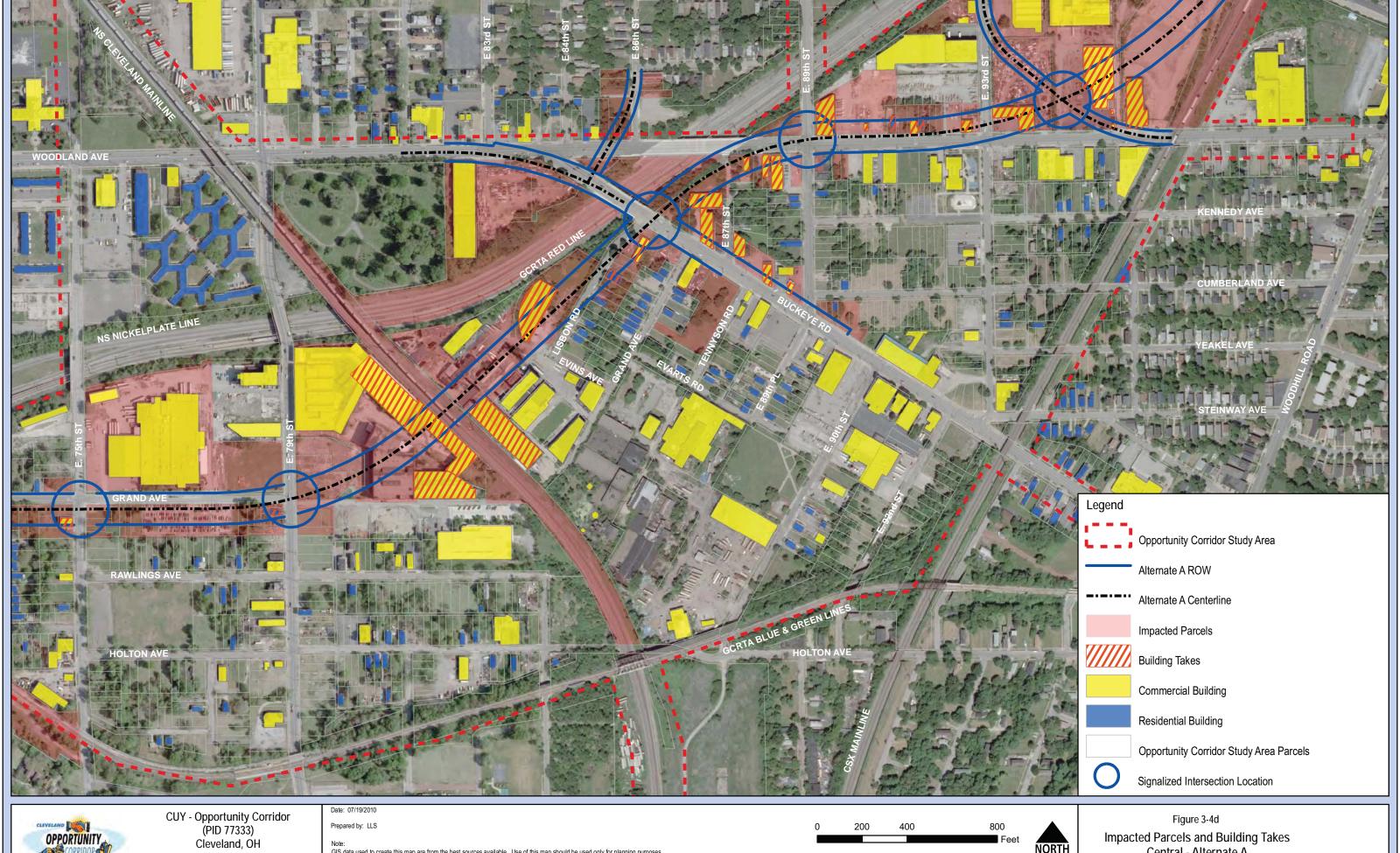












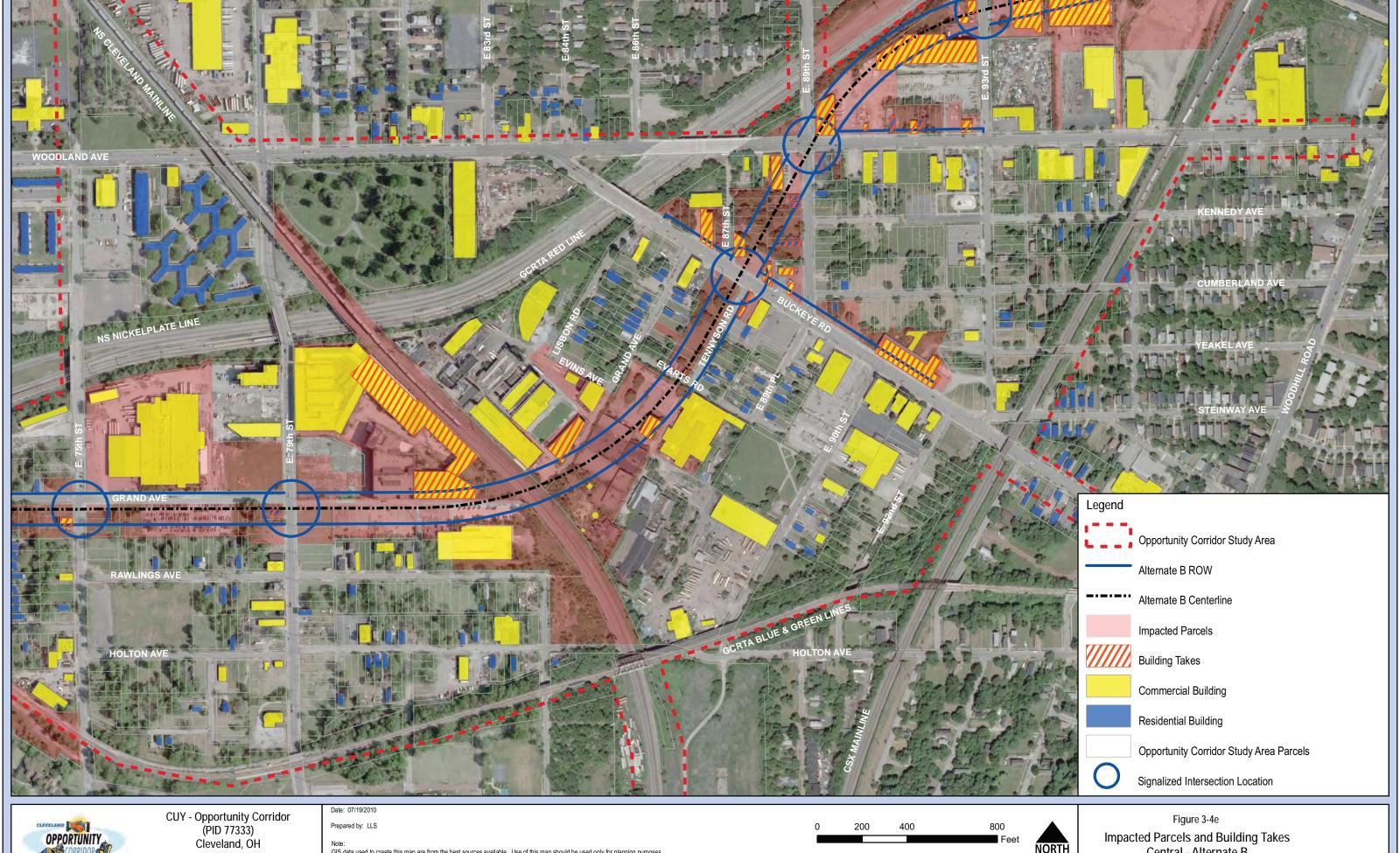
OPPORTUNITY CORRIDOR

Note:
GIS data used to create this map are from the best sources available. Use of this map should be used only for planning purposes.

Aerial image is dated (circa 2005) and is shown only for illustrative purposes.



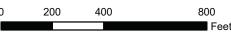
Impacted Parcels and Building Takes Central - Alternate A



OPPORTUNITY CORRIDOR

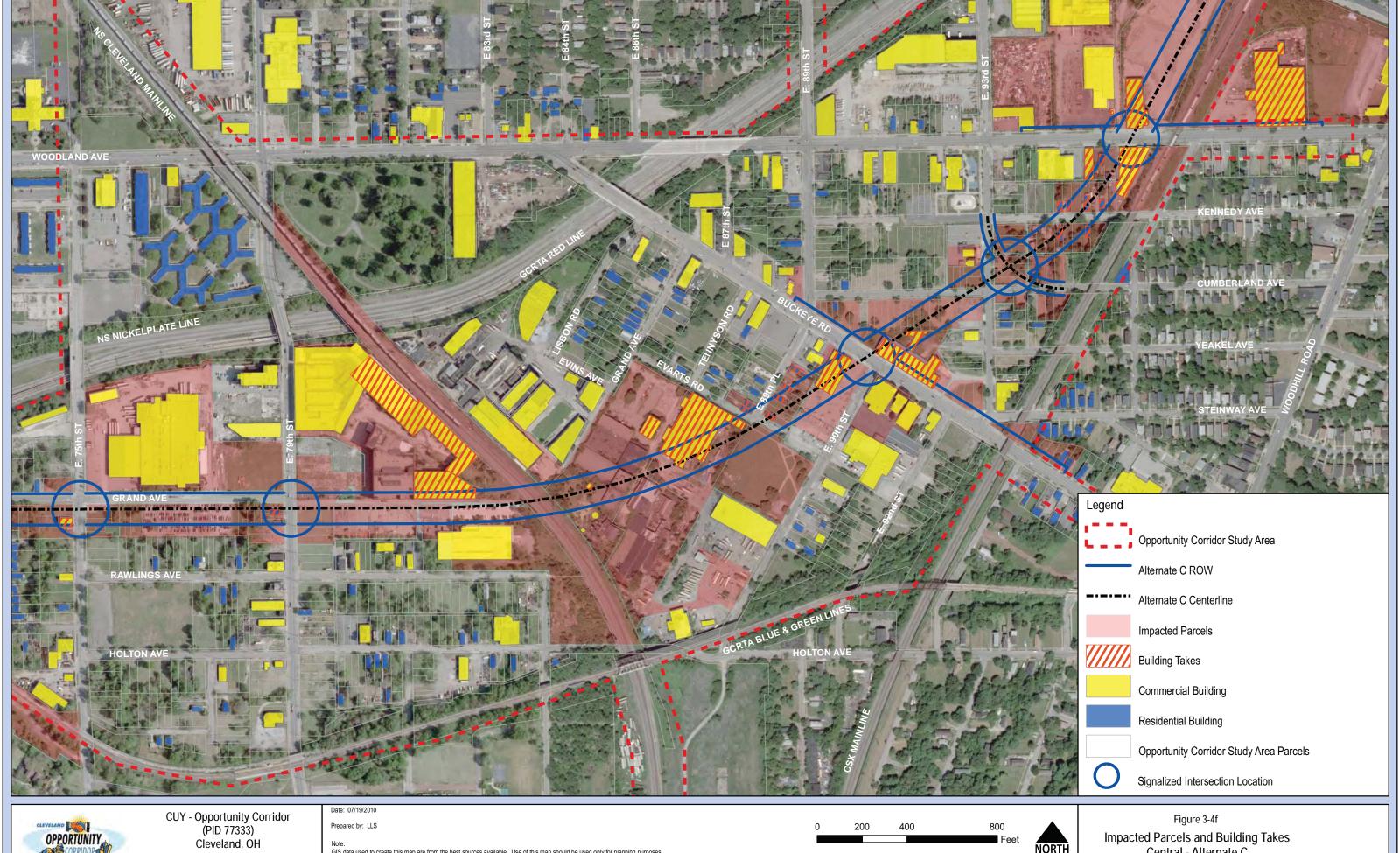
Note:
GIS data used to create this map are from the best sources available. Use of this map should be used only for planning purposes.

Aerial image is dated (circa 2005) and is shown only for illustrative purposes.





Impacted Parcels and Building Takes Central - Alternate B

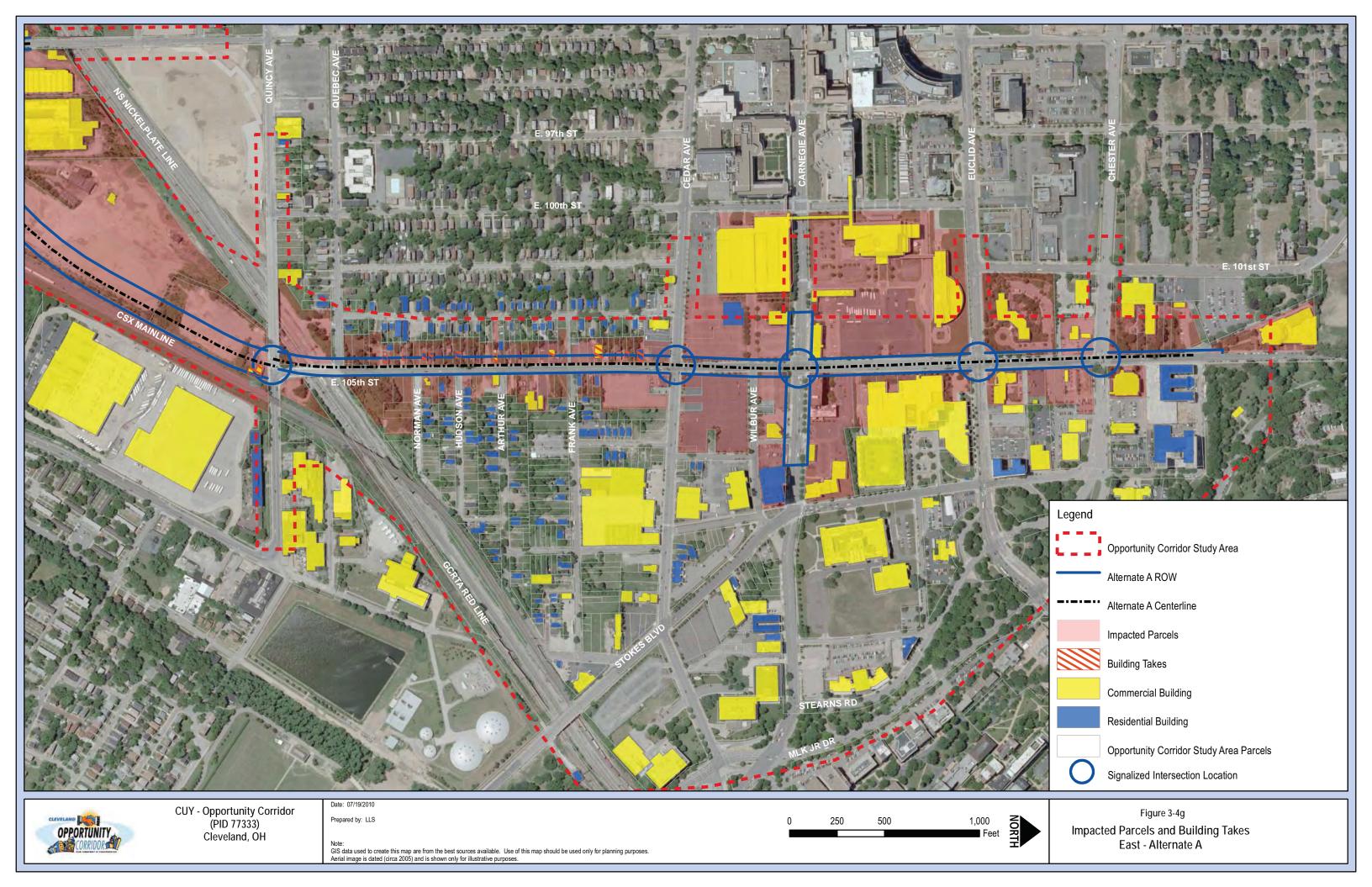


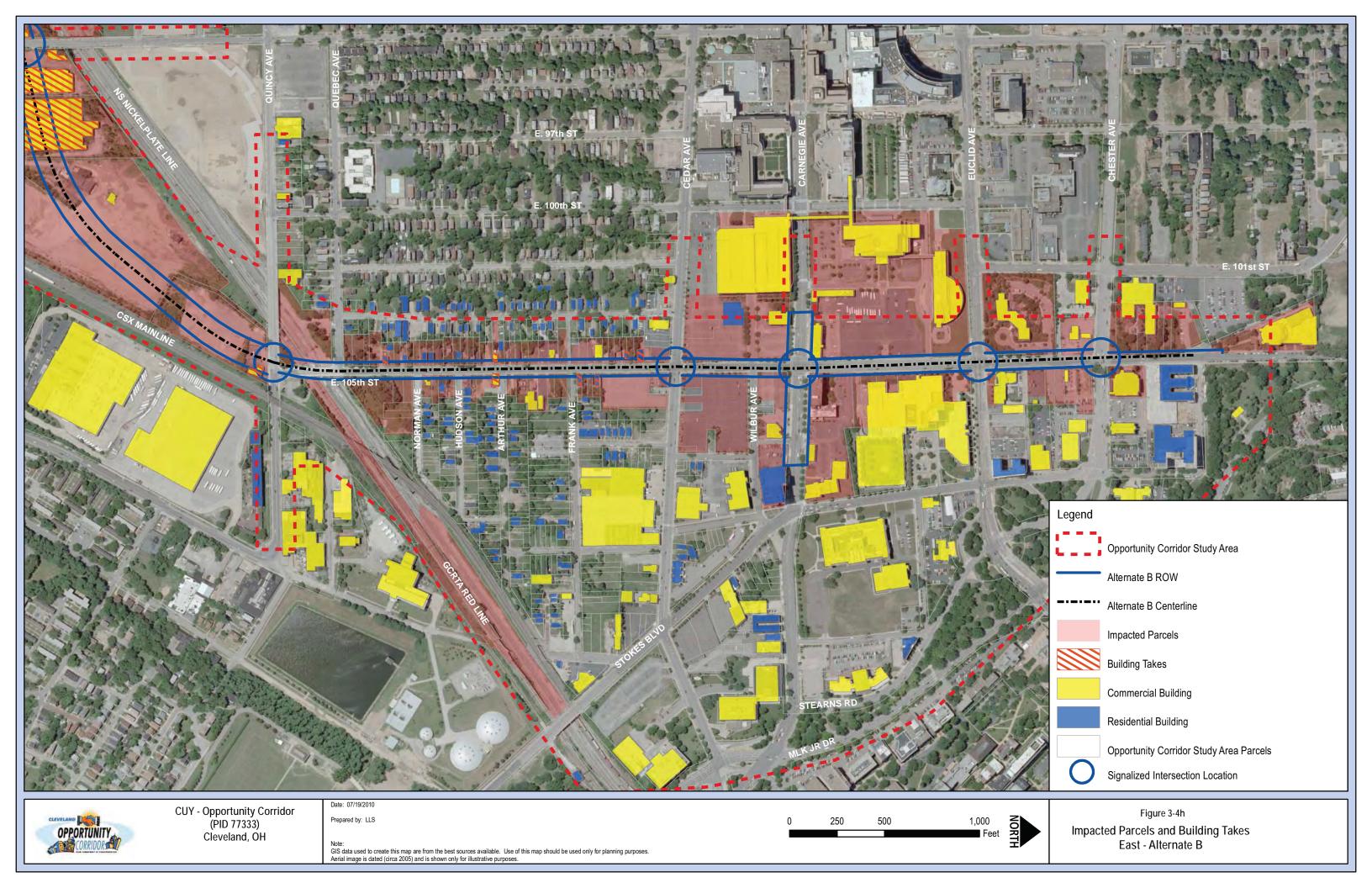
Note:
GIS data used to create this map are from the best sources available. Use of this map should be used only for planning purposes.

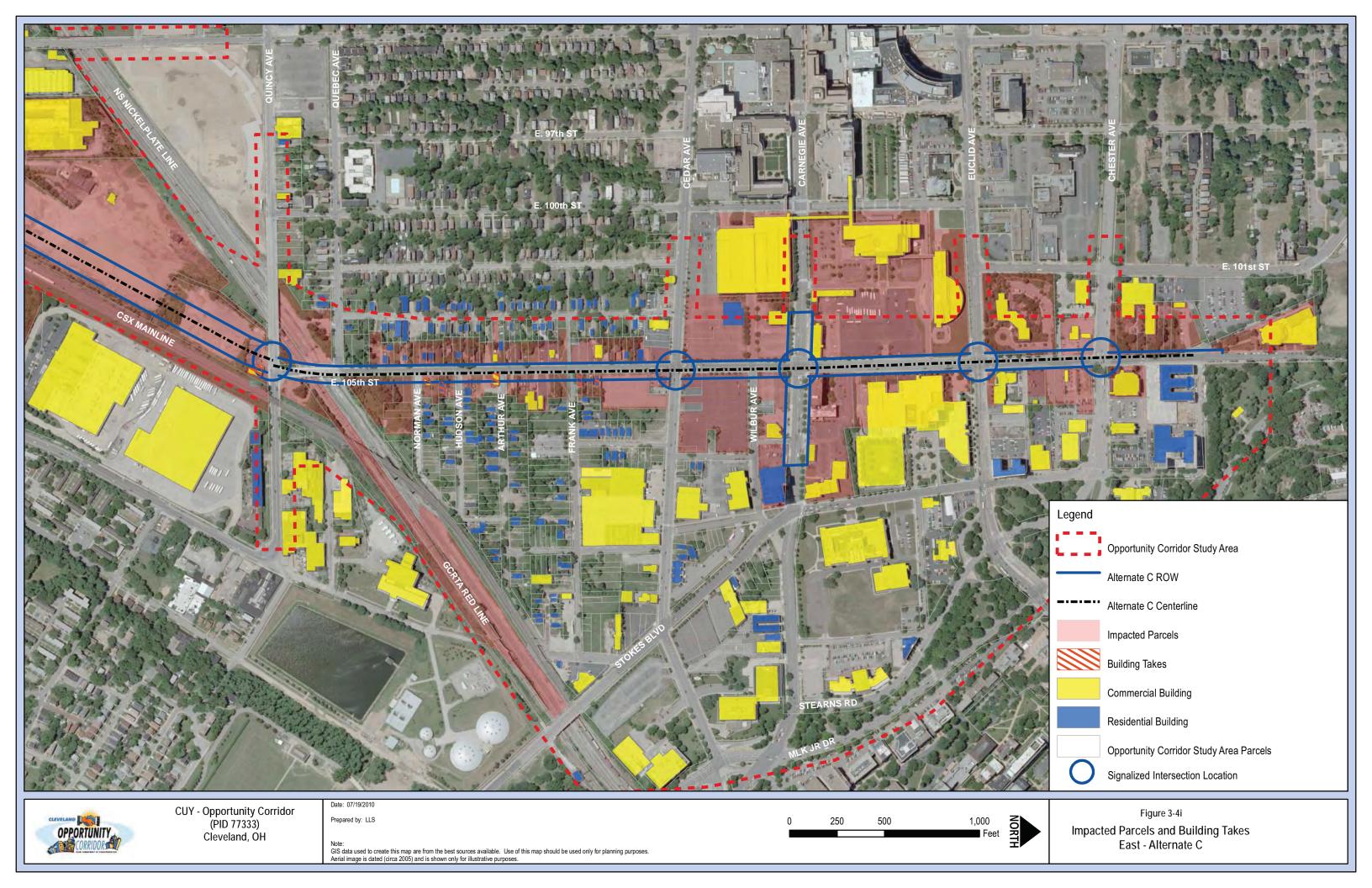
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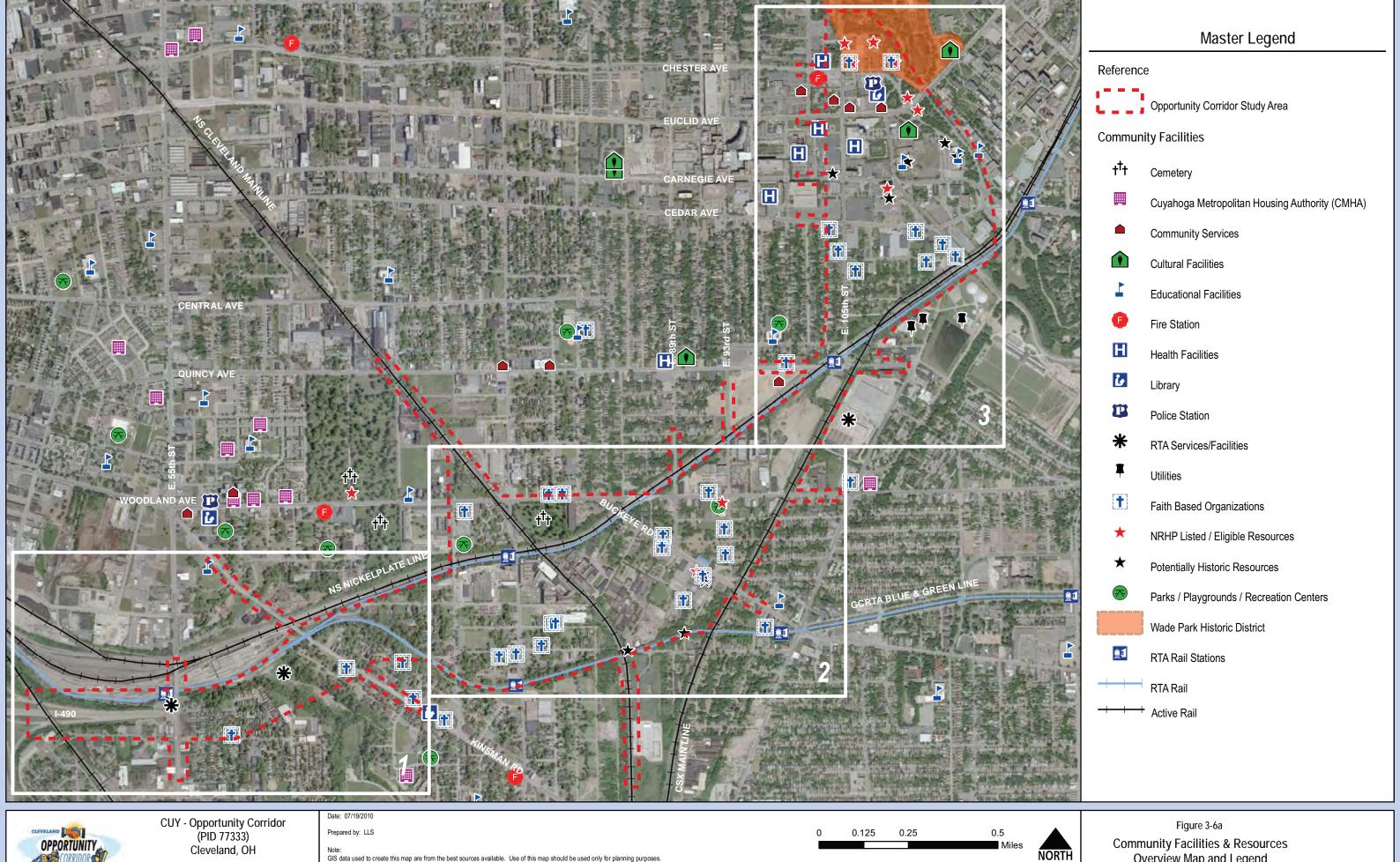


Impacted Parcels and Building Takes Central - Alternate C











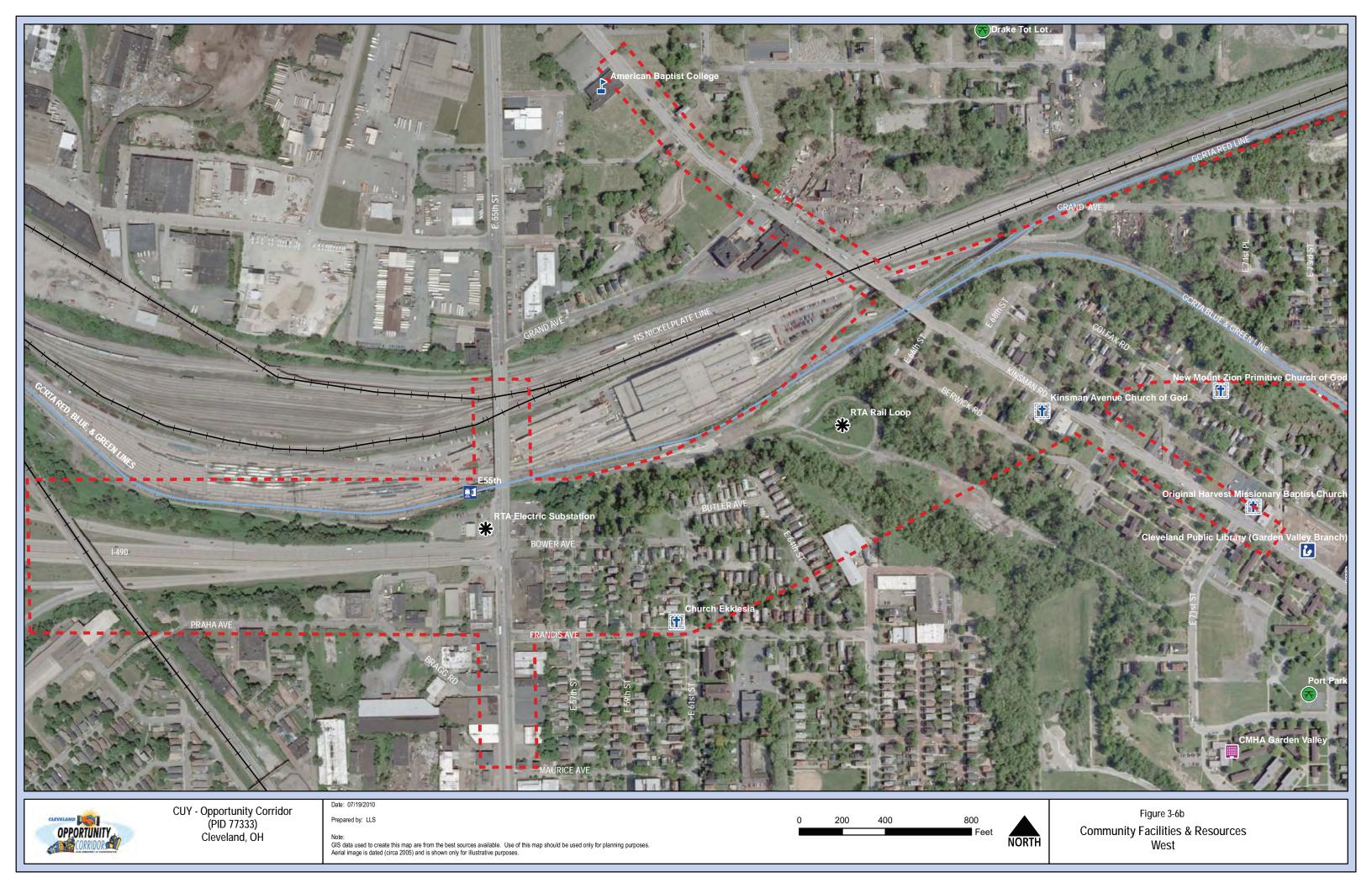
Cleveland, OH

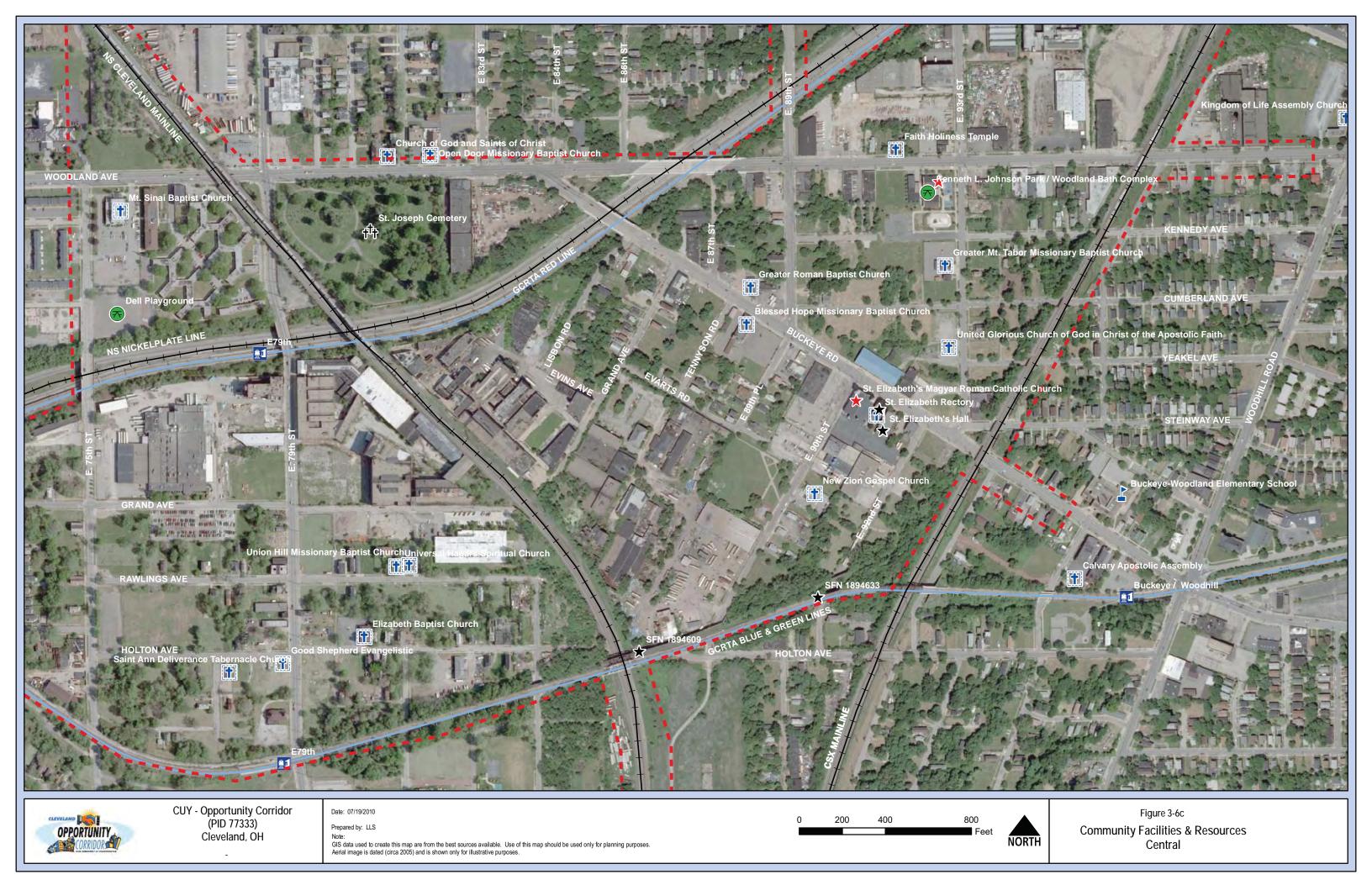
Note:
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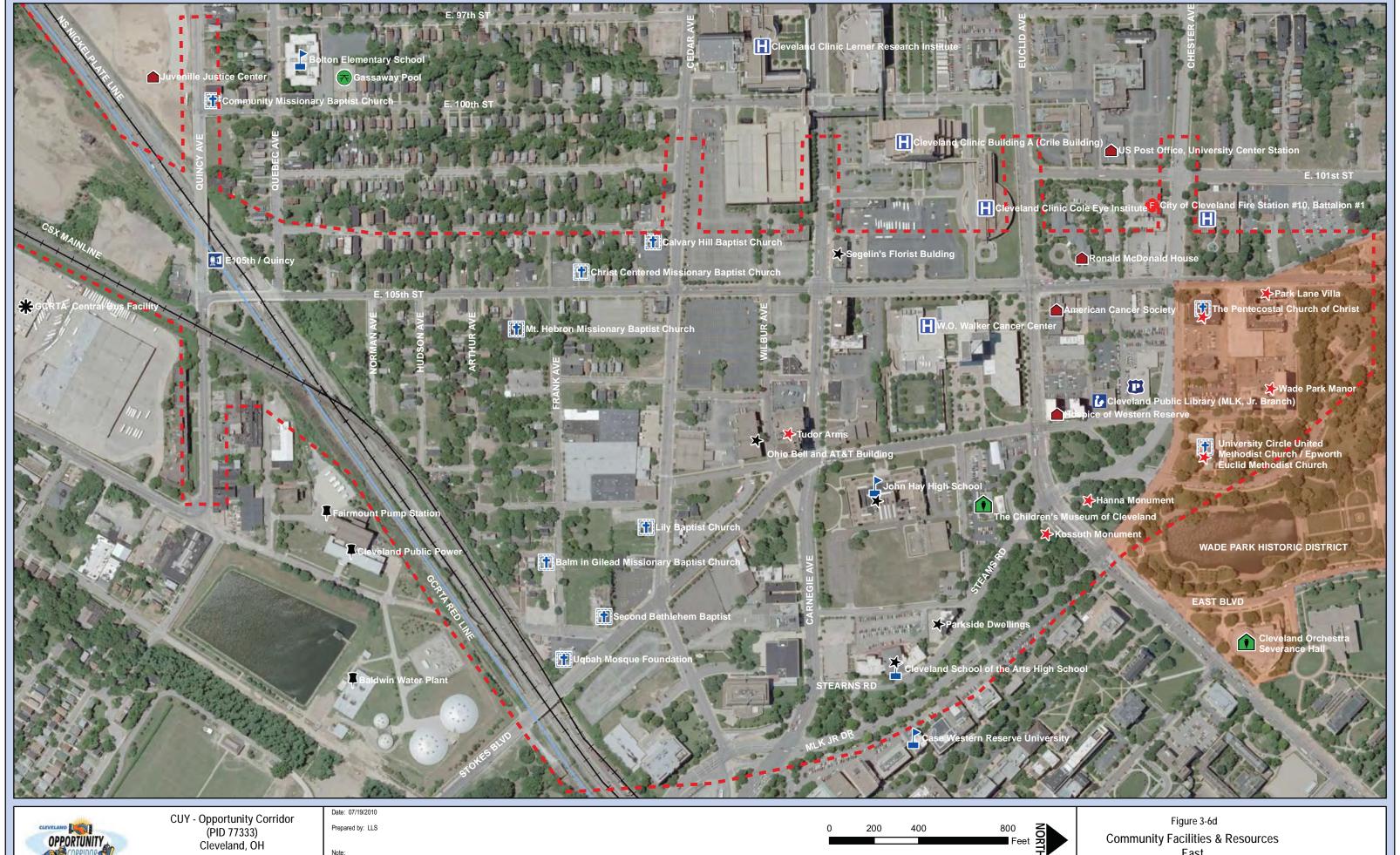
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Community Facilities & Resources Overview Map and Legend



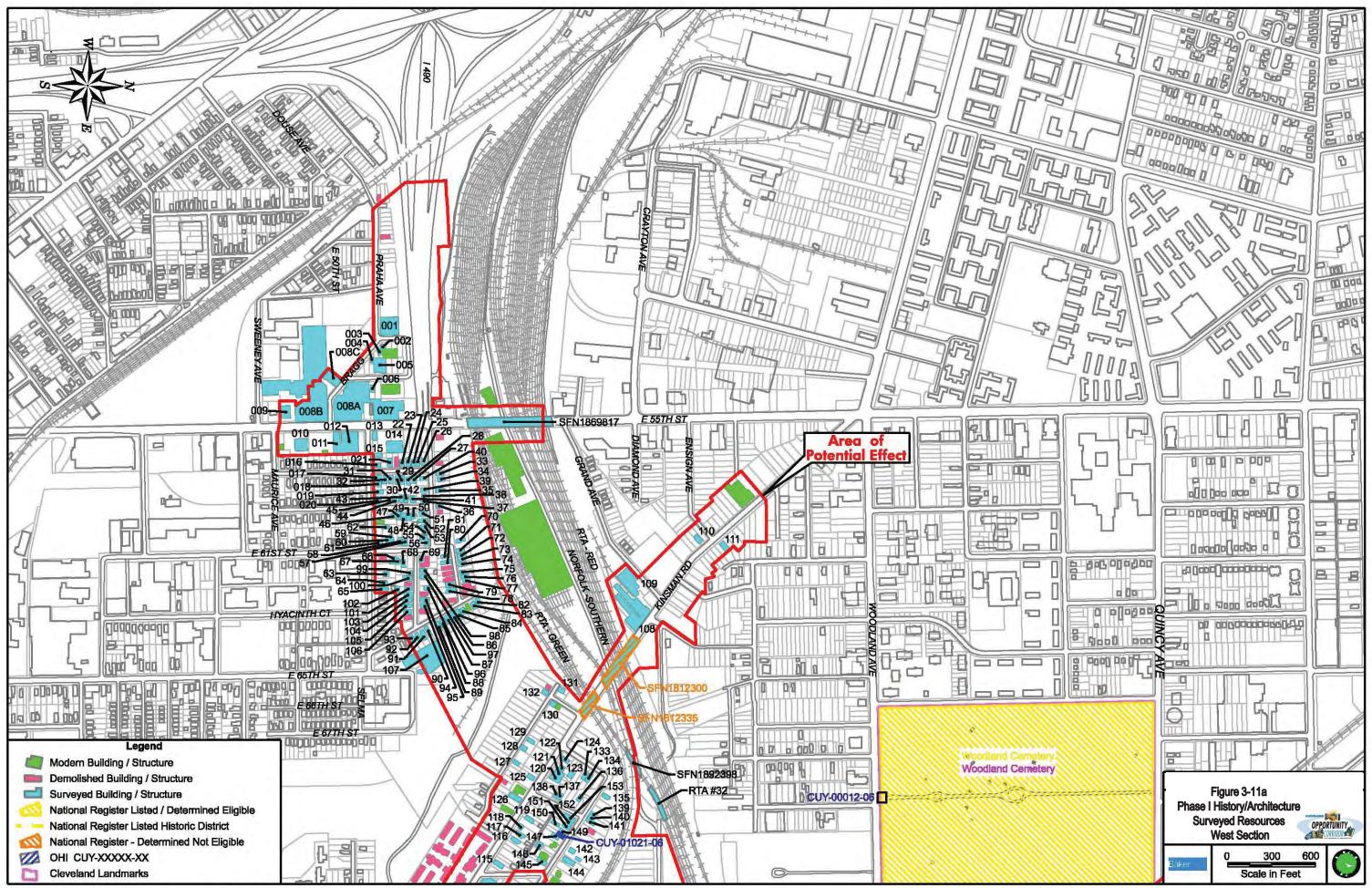


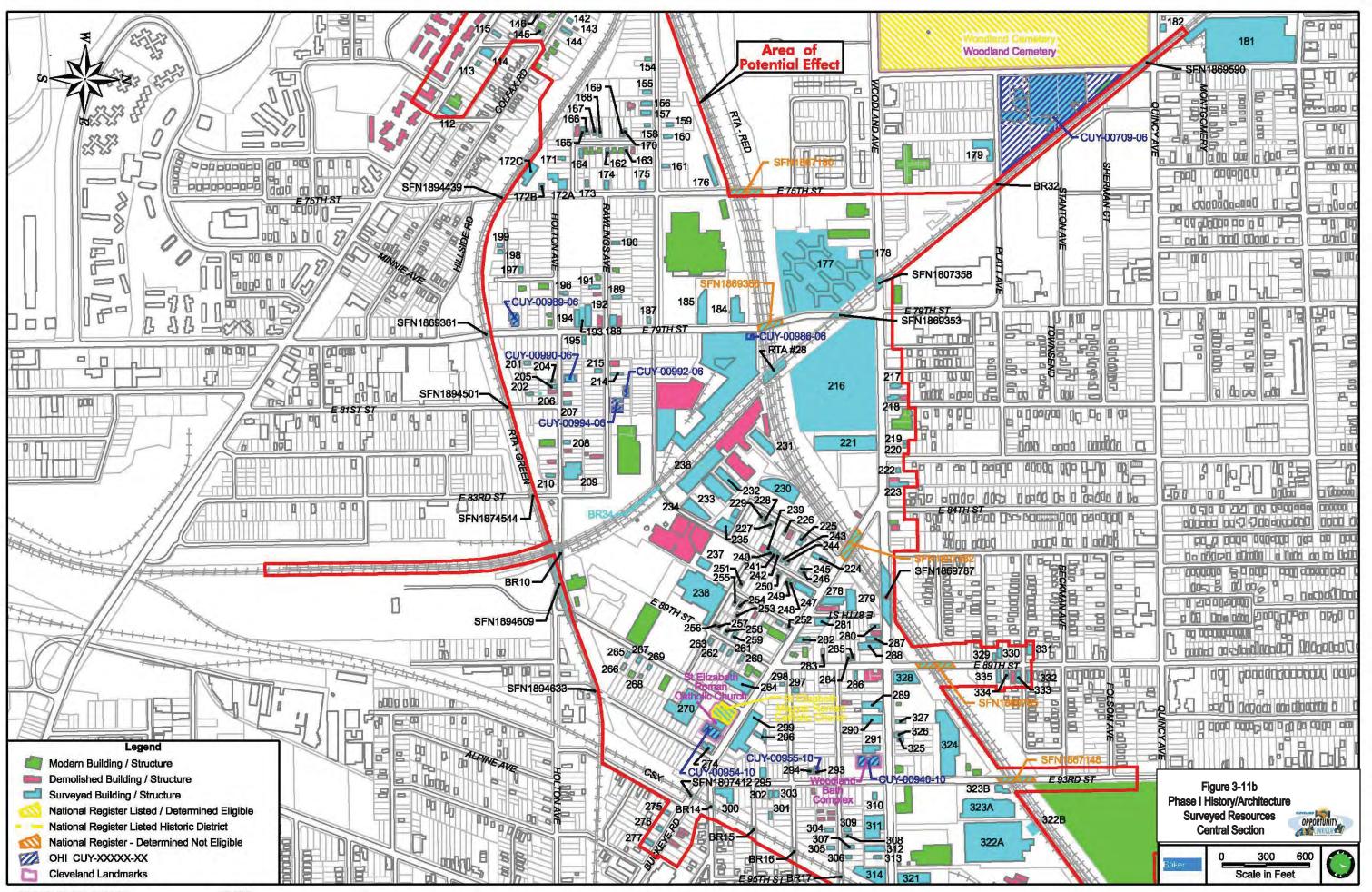


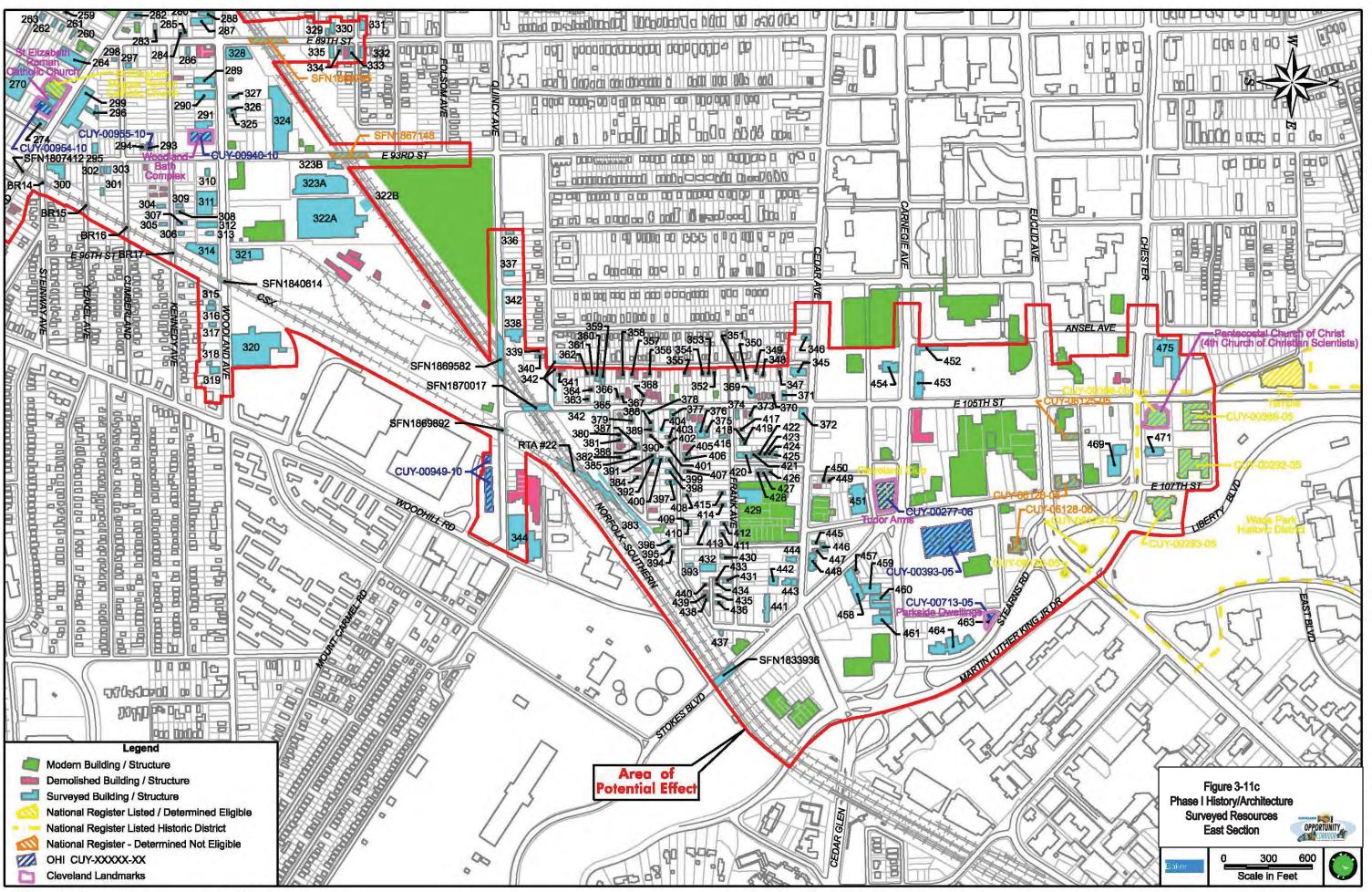
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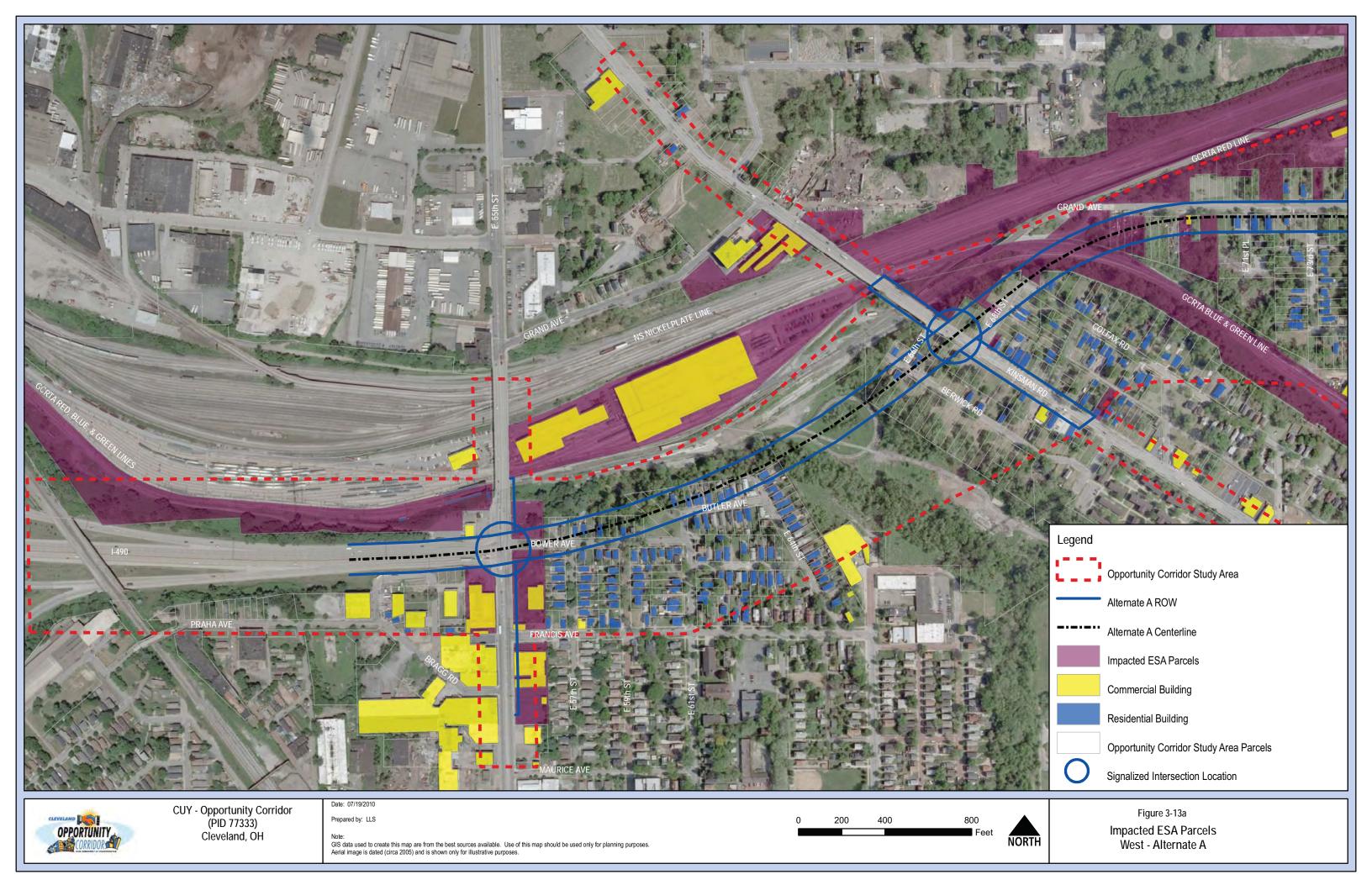
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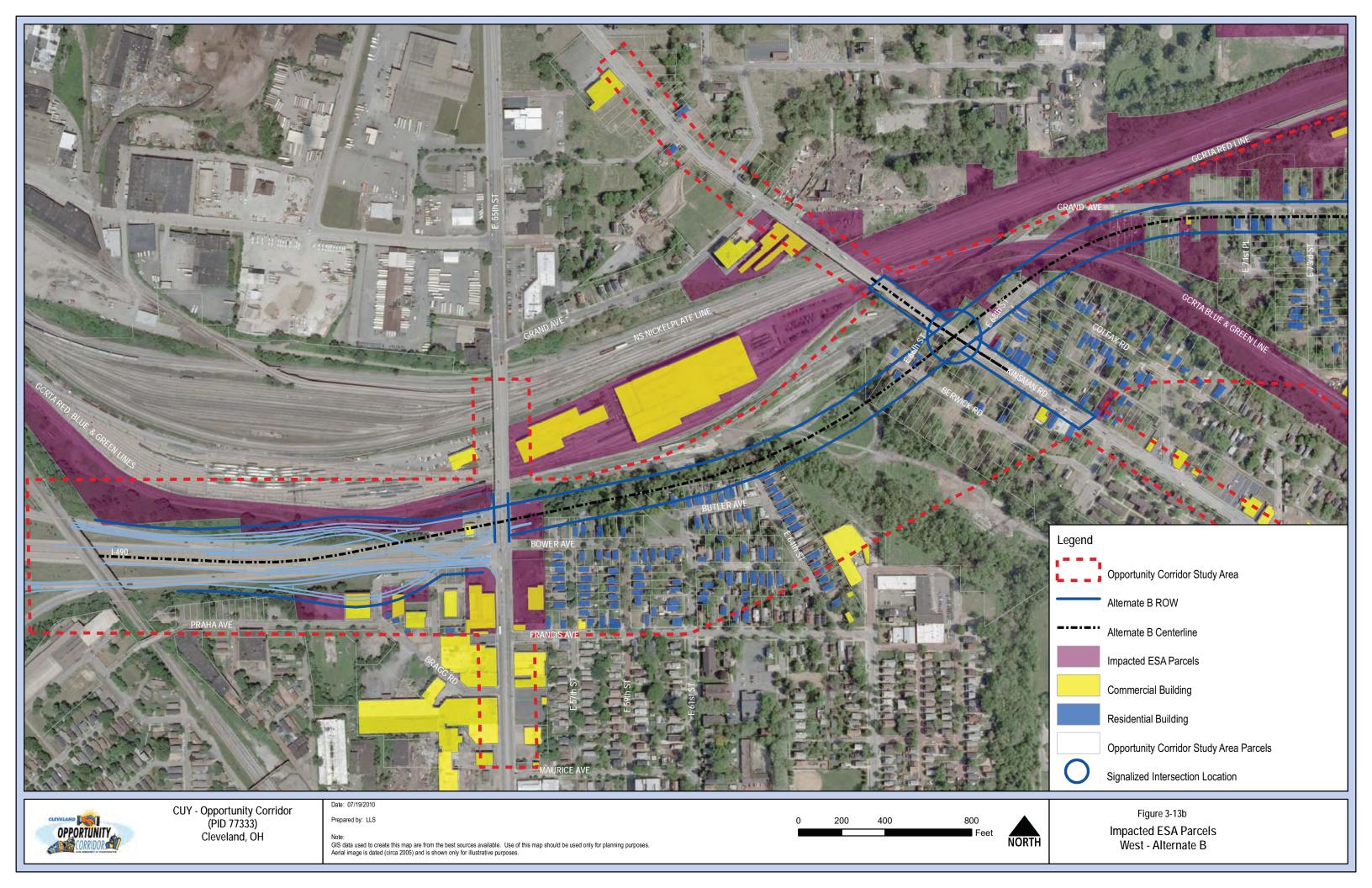
East

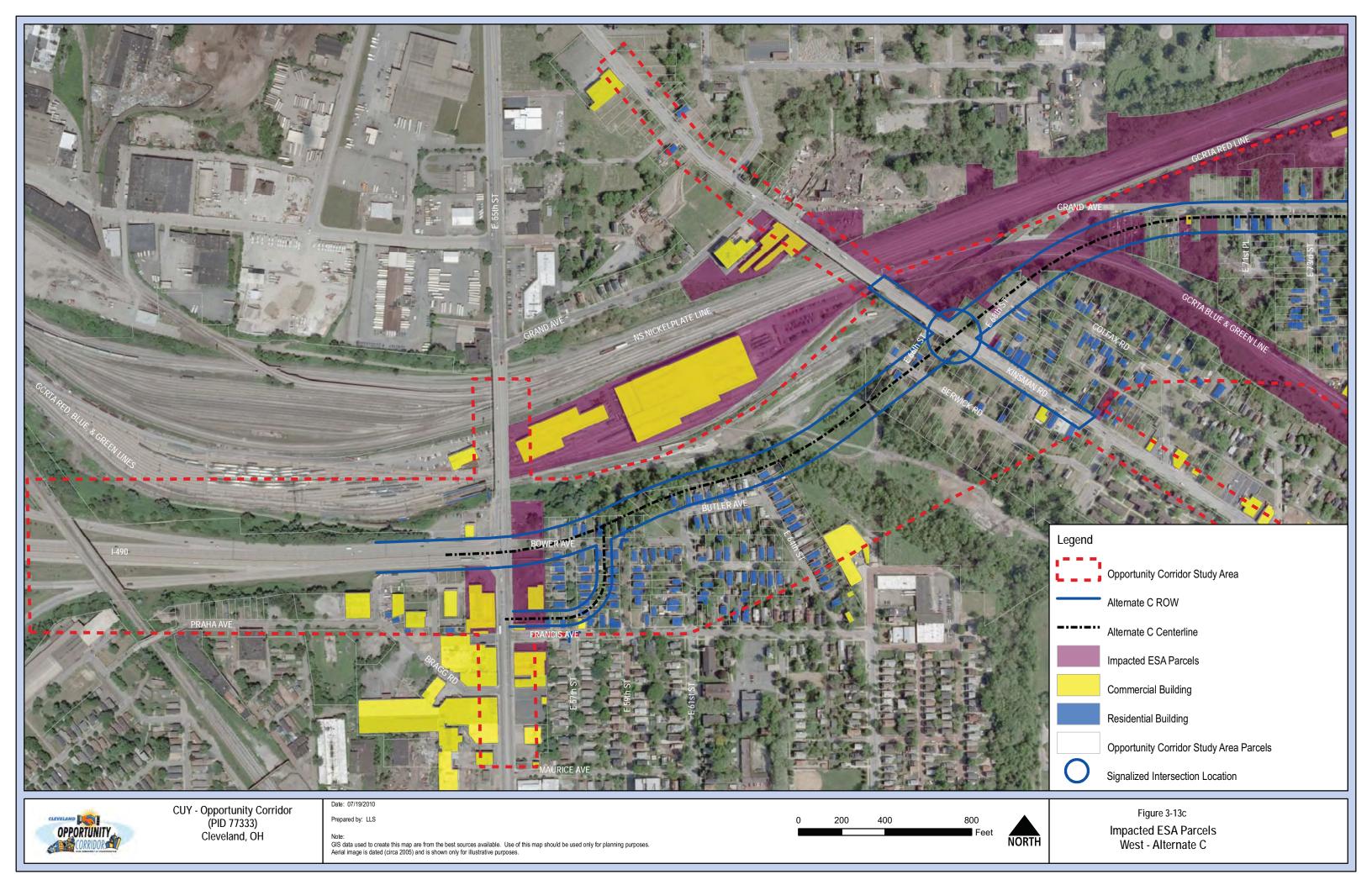


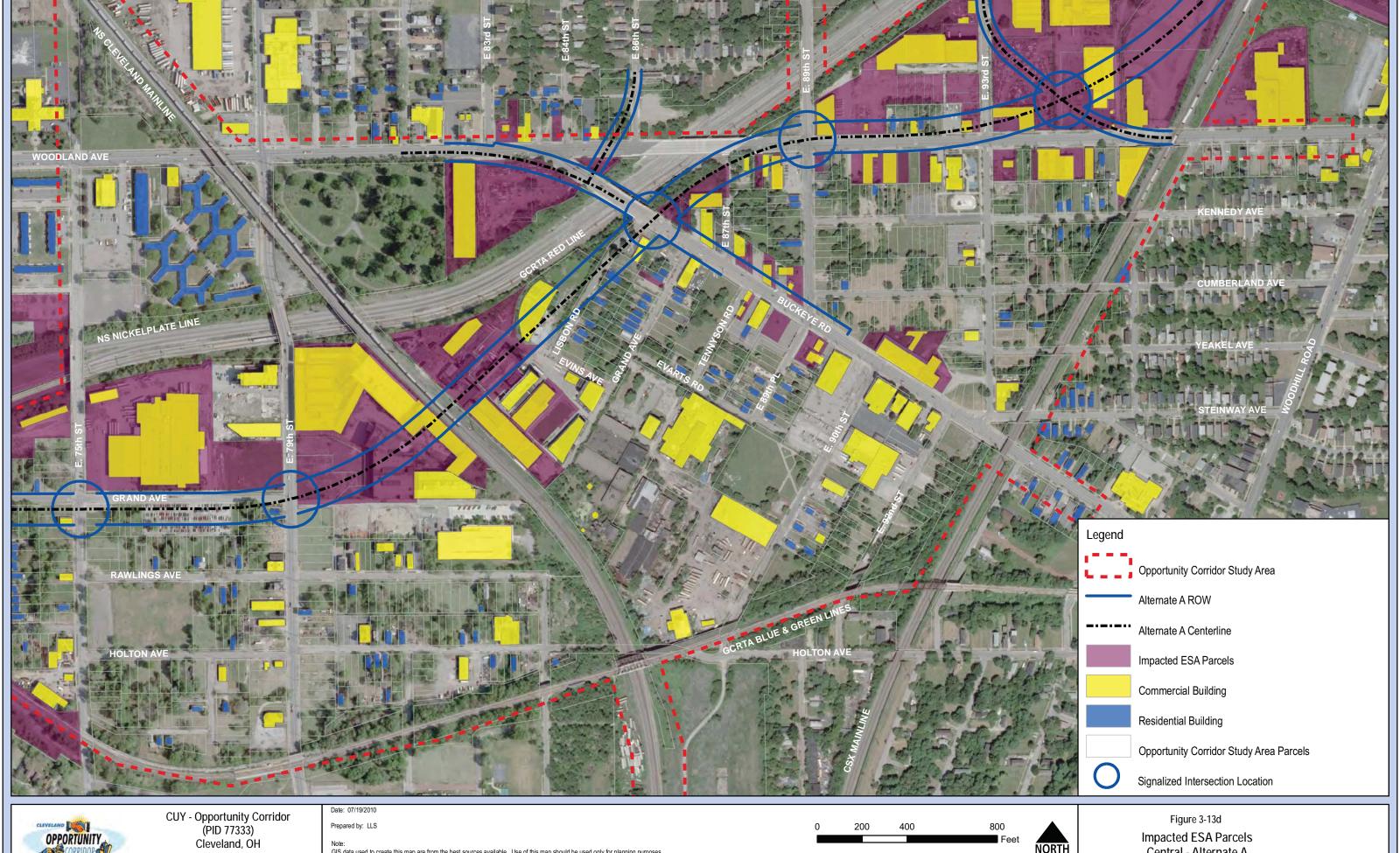






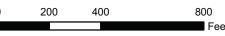




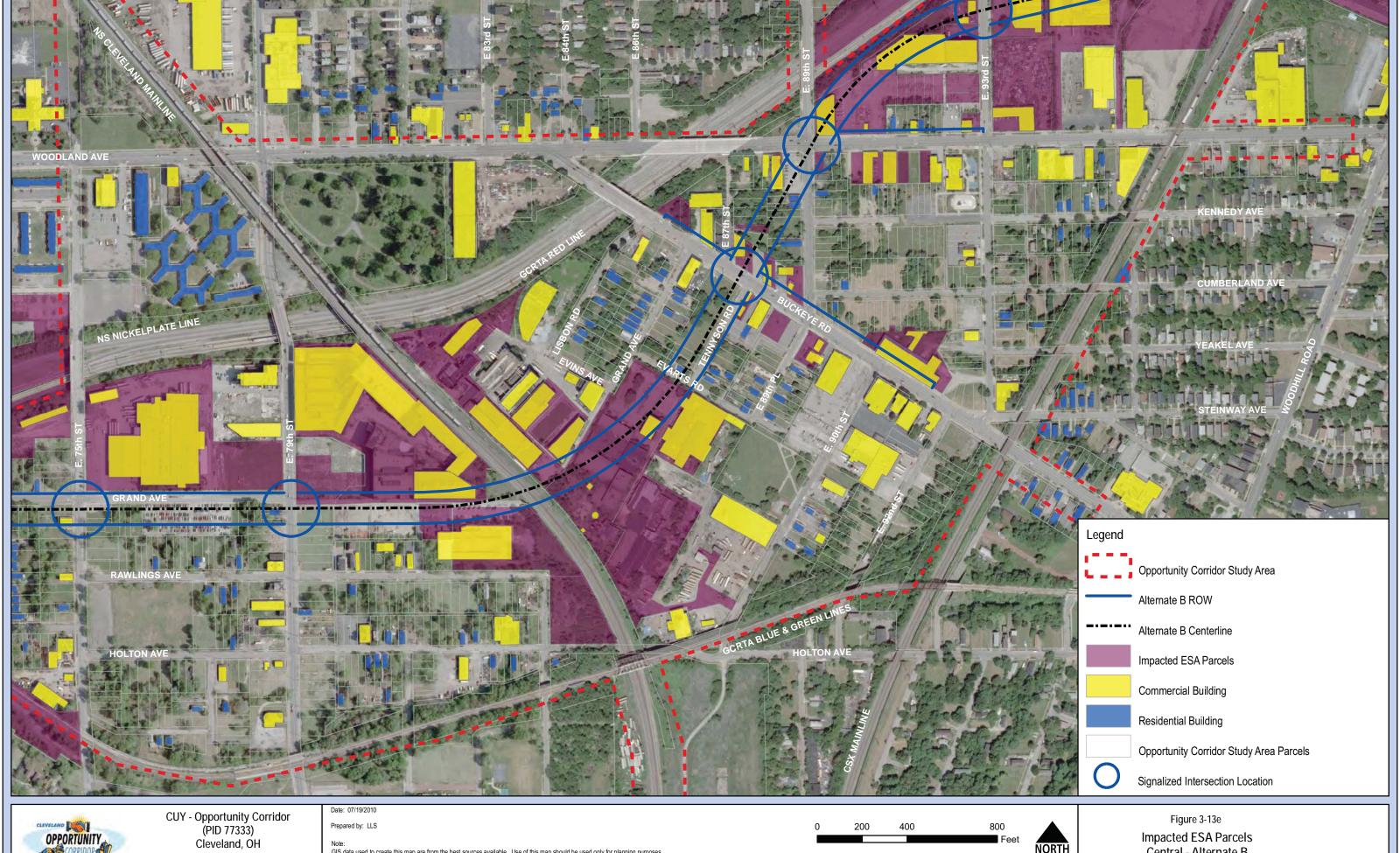


Note:
GIS data used to create this map are from the best sources available. Use of this map should be used only for planning purposes.

Aerial image is dated (circa 2005) and is shown only for illustrative purposes.

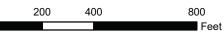


Central - Alternate A

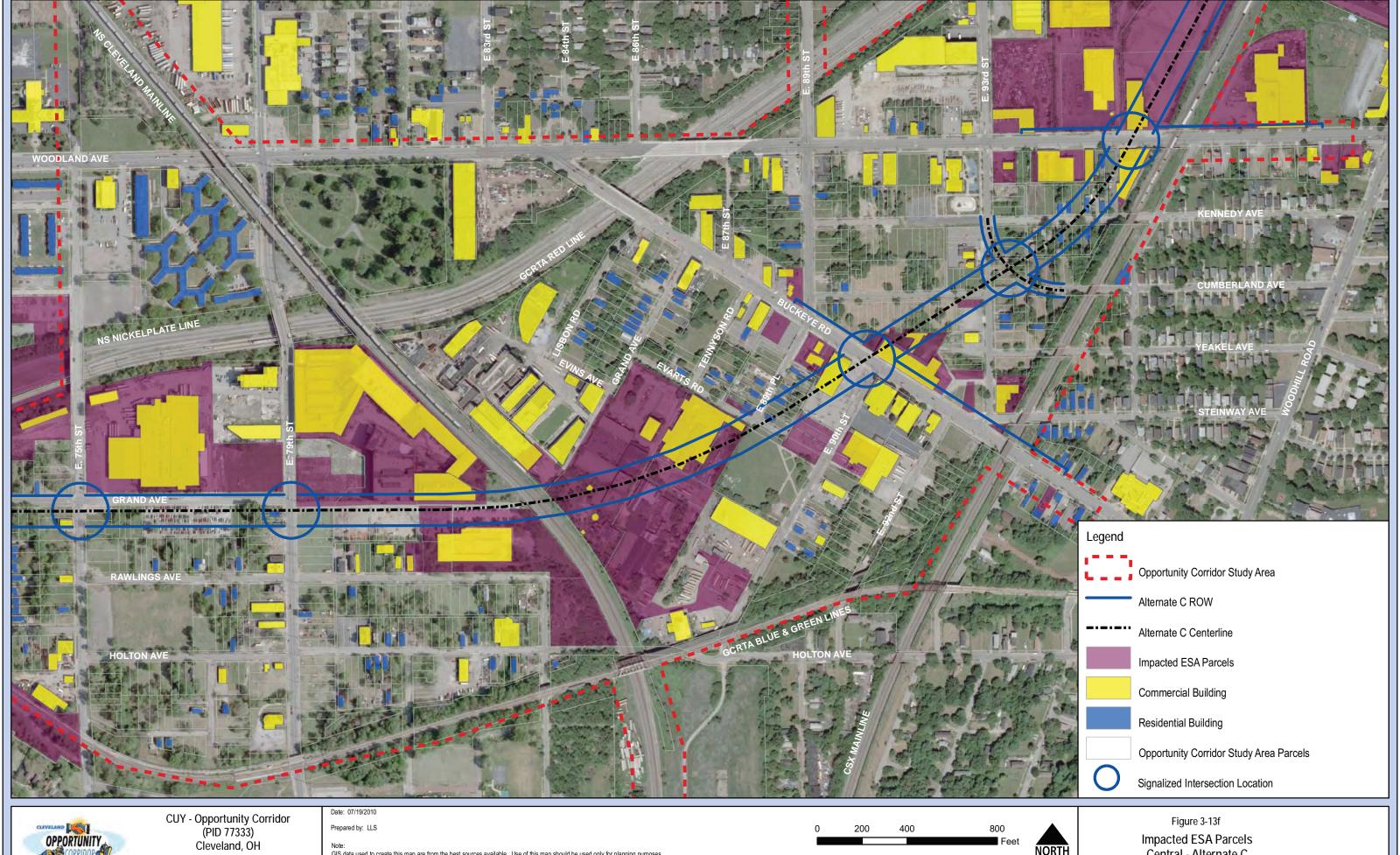


Note:
GIS data used to create this map are from the best sources available. Use of this map should be used only for planning purposes.

Aerial image is dated (circa 2005) and is shown only for illustrative purposes.



Central - Alternate B



Note:
GIS data used to create this map are from the best sources available. Use of this map should be used only for planning purposes.

Aerial image is dated (circa 2005) and is shown only for illustrative purposes.



Impacted ESA Parcels Central - Alternate C

